STR-DA2ES/DB1080

SERVICE MANUAL

Ver 1.1 2003.07

US Model
Canadian Model
STR-DA2ES
AEP Model
UK Model
E Model
STR-DB1080

Photo: STR-DA2ES

This receiver incorporates Dolby* Digital and Pro Logic Surround and the DTS** Digital Surround System.

* Manufactured under license from Dolby Laboratories. "Dolby", "Pro Logic" and the double-D symbol are trademarks of Dolby Laboratories.

** "DTS", "DTS-ES Extended Surround" and "Neo:6" are trademarks of Digital Theater Systems, Inc.

SPECIFICATIONS

AUDIO POWER SPECIFICATIONS

POWER OUTPUT AND TOTAL HARMONIC DISTORTION: (Models of area code U only)

With 8 ohm loads, both channels driven, from 20 – 20,000 Hz; rated 100 watts per channel minimum RMS power, with no more than 0.09 % total harmonic distortion from 250 milliwatts to rated output.

Amplifier section

POWER OUTPUT
Models of area code U, CA
Rated Power Output at Stereo Mode
(8 ohms 20 Hz – 20 kHz, THD 0.09 %)
100 W + 100 W
(4 ohms 20 Hz – 20 kHz, THD 0.09 %)
80 W + 80 W

Reference Power Output
(8 ohms 20 Hz – 20 kHz, THD 0.09 %)
FRONT[1]:100 W + 100 W
CENTER[1]: 100 W
SURR[1]: 100 W + 100 W
SURR BACK[1]: 100 W
(4 ohms 20 Hz – 20 kHz, THD 0.09 %)
FRONT: [1] 80 W + 80 W
CENTER[1]: 80 W
SURR[1]: 80 W + 80 W
SURR BACK[1]: 80 W

Models of other area code
Rated Power Output at Stereo Mode
(8 ohms 1 kHz, THD 0.7 %)
100 W + 100 W[2)]
(4 ohms 1 kHz, THD 0.7 %)
90 W + 90 W[2)]

Reference Power Output[2)]
(8 ohms 1 kHz, THD 0.7 %)
FRONT[1]: 100 W + 100 W
CENTER[1]: 100 W
SURR[1]: 100 W + 100 W
SURR BACK[1]: 100 W
(4 ohms 1 kHz, THD 0.7 %)
FRONT[1]: 90 W + 90 W
CENTER[1]: 90 W
SURR[1]: 90 W + 90 W
SURR BACK[1]: 90 W
(8 ohms 20 Hz – 20 kHz, THD 0.09 %)
FRONT[1]: 90 W + 90 W
CENTER[1]: 90 W
SURR[1]: 90 W + 90 W
SURR BACK[1]: 90 W
(4 ohms 20 Hz – 20 kHz, THD 0.09 %)
FRONT[1]: 80 W + 80 W
CENTER[1]: 80 W
SURR[1]: 80 W + 80 W
SURR BACK[1]: 80 W

1) Depending on the sound field settings and the source, there may be no sound output.

2) Measured under the following conditions:

Area code	Power requirements
E	240 V AC, 50 Hz
SP, CEL, CEK, KR	230 V AC, 50 Hz

Frequency response

PHONO	RIAA equalization curve ±0.5 dB
CD/SACD, TAPE, MD/DAT, TV/SAT, DVD/LD, VIDEO 1, 2, 3	10 Hz – 100 kHz +0.5/–2 dB (when ANALOG DIRECT is selected)

Inputs (Analog)

PHONO	Sensitivity: 2.5 mV Impedance: 50 kilohms S/N[3)]: 86 dB (A, 2.5 mV[4)])
MULTI CH IN 1, 2, CD/SACD, TAPE, MD/DAT, DVD/LD, TV/SAT, VIDEO 1, 2, 3	Sensitivity: 150 mV Impedance: 50 kilohms S/N[3)]: 96 dB (A, 150 mV[4)])

3) INPUT SHORT.
4) Weighted network, input level.

– Continued on next page –

FM STEREO FM-AM RECEIVER

9-874-061-02
2003G05-1
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Sony Corporation
Home Audio Company
Published by Sony Engineering Corporation

SONY®

Inputs (Digital)

DVD/LD (Coaxial)	Impedance: 75 ohms S/N: 100 dB (A, 20 kHz LPF)
DVD/LD, TV/SAT, MD/DAT, VIDEO3 (Optical)	S/N: 100 dB (A, 20 kHz LPF)

Outputs

TAPE, MD/DAT (REC OUT), VIDEO 1, 2 (AUDIO OUT)	Voltage: 150 mV Impedance: 2.2 kilohms
FRONT L/R, CENTER, SURROUND L/R, SURROUND BACK, SUB WOOFER	Voltage: 2 V Impedance: 1 kilohms

EQ

BASS: 99 Hz~1.0 kHz
MID (FRONT L/R, CENTER only): 198 Hz~10 kHz
TREBLE: 1.0 kHz~10 kHz
Gain levels: ±10 dB, 0.5 dB step

FM tunersection

Tuning range 87.5 - 108.0 MHz

Antenna terminals 75 ohms, unbalanced

Sensitivity
Mono: 18.3 dBf, 2.2 µV/75 ohms
Stereo: 38.3 dBf, 22.5 µV/75 ohms

Usable sensitivity 11.2 dBf, 1 µV/75 ohms

S/N
Mono: 76 dB
Stereo: 70 dB

Harmonic distortion at 1 kHz
Mono: 0.3%
Stereo: 0.5%

Separation 45 dB at 1 kHz

Frequency response 30 Hz – 15 kHz, +0.5/–2 dB

Selectivity 60 dB at 400 kHz

AM tuner section

Tuning range
Models of area code U, CA
With 10-kHz tuning scale: 530 – 1,710 kHz[5)]
With 9-kHz tuning scale: 531 – 1,710 kHz[5)]
Models of area code E
With 10-kHz tuning scale: 530 – 1,610 kHz[5)]
With 9-kHz tuning scale: 531 – 1,602 kHz[5)]
Models of area code SP, CEL, CEK, KR
With 9-kHz tuning scale: 531 – 1,602 kHz

Antenna Loop antenna

Usable sensitivity 50 dB/m (at 1,000 kHz or 999 kHz)

S/N 54 dB (at 50 mV/m)

Harmonic distortion 0.5 % (50 mV/m, 400 Hz)

Selectivity
At 9 kHz: 35 dB
At 10 kHz: 40 dB

5) You can change the AM tuning scale to 9 kHz or 10 kHz. After tuning in any AM station, turn off the receiver. Hold down TUNING + and press **I**/⏻. All preset stations will be erased when you change the tuning scale. To reset the scale to 10 kHz (or 9 kHz), repeat the procedure.

Video section

Inputs/Outputs
Video: 1 Vp-p, 75 ohms
S-video: Y: 1 Vp-p, 75 ohms
C: 0.286 Vp-p, 75 ohms
COMPONENT VIDEO
(Except for models of area code CEL, CEK):
Y: 1 Vp-p, 75 ohms
B-Y: 0.7 Vp-p, 75 ohms
R-Y: 0.7 Vp-p, 75 ohms

General

Power requirements

Area code	Power requirements
U, CA	120 V AC, 60 Hz
CEL, CEK	230 V AC, 50/60 Hz
SP	220 – 230 V AC, 50/60 Hz
E	120/220/240 V AC, 50/60 Hz
KR	220 – 230 V AC, 60 Hz

Power consumption

Area code	Power consumption
U	290 W
CA	340 VA
CEL, CEK	300 W
SP, E, KR	300 W

Power consumption (during standby mode)
0.8 W (when "POWER SAVE" in the CUSTOMIZE menu is set to "OFF")/0.5 W ("ON")

AC outlets

Area code	AC outlets
U, CA	2 switched, 120 W/1A MAX
SP, CEL, CEK	1 switched, 100 W MAX
E	2 switched, 100 W MAX

Dimensions 430 × 161 × 400 mm including projecting parts and controls

Mass (Approx.) 13.3 kg

Supplied accessories
FM wire antenna (1)
AM loop antenna (1)
Models of area code U, CA;
Audio/video/control S cord (1)
Control S cord (mini jack) (1)
Remote commander RM-PG411 (1)
R6 (size-AA) batteries (2)
Models of other area codes;
Remote commander RM-LP211 (1)
R6 (size-AA) batteries (3)

Design and specifications are subject to change without notice.

Notes on chip component replacement

- Never reuse a disconnected chip component.
- Notice that the minus side of a tantalum capacitor may be damaged by heat.

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety check before releasing the set to the customer:
Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage.
Check leakage as described below.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microamperes.). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2 V AC range are suitable. (See Fig. A)

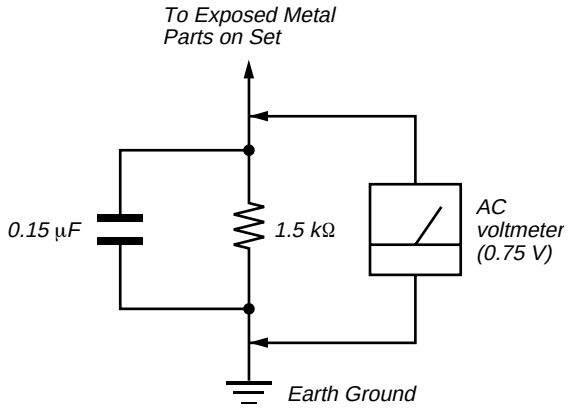

Fig. A. Using an AC voltmeter to check AC leakage.

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK ⚠ OR DOTTED LINE WITH MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!

LES COMPOSANTS IDENTIFIÉS PAR UNE MARQUE ⚠ SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

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SECTION 1
SERVICING NOTES

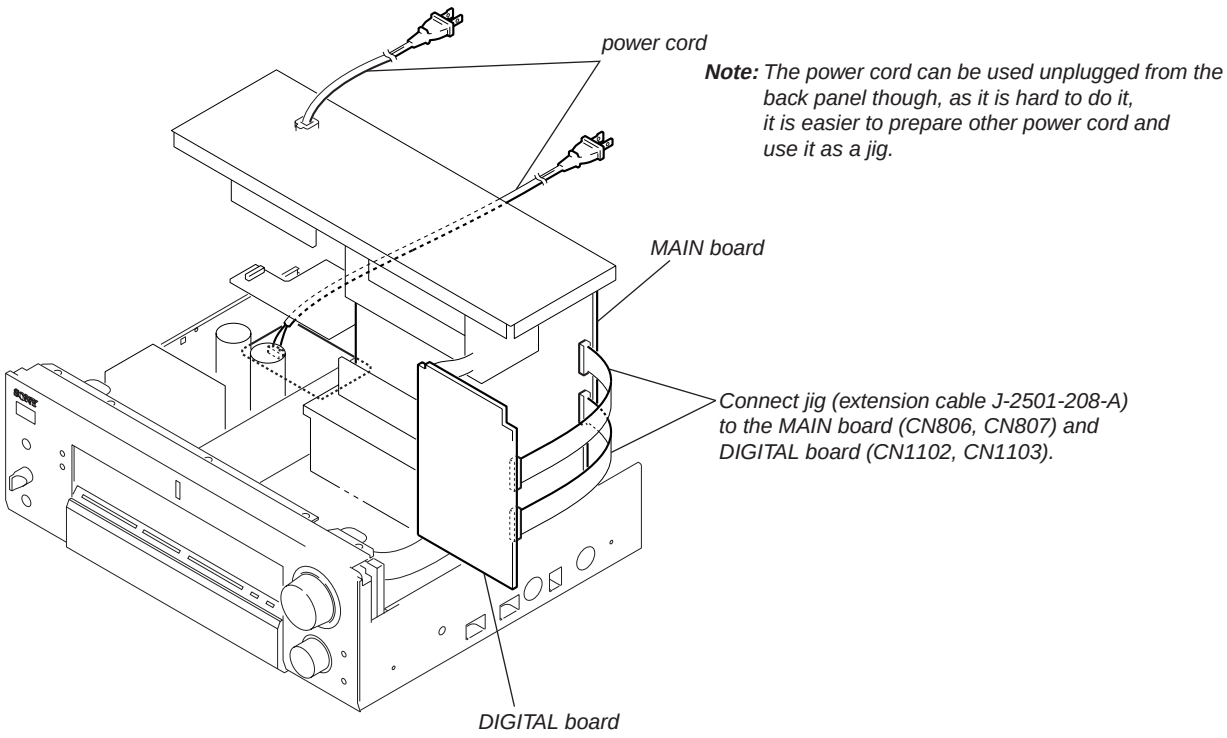
- **MODEL IDENTIFICATION**

– Back Panel –

Model	PART No.
DA2ES : US model	4-239-175-0
DA2ES : Canadian model	4-239-175-1
DB1080 : Singapore and Malaysia models	4-239-175-2
DB1080 : AEP and UK models	4-239-175-3
DB1080 : E model	4-239-175-4
DB1080 : Korean model	4-239-175-5

SERVICE POSITION

In checking the DIGITAL board, prepare jig (extension cable J-2501-208-A: 200 mm 21 core).

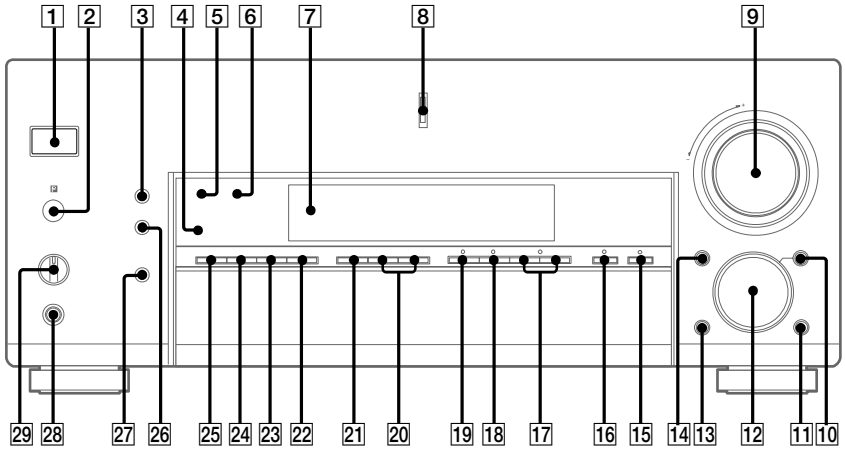

power cord
Note: The power cord can be used unplugged from the back panel though, as it is hard to do it, it is easier to prepare other power cord and use it as a jig.
MAIN board
Connect jig (extension cable J-2501-208-A) to the MAIN board (CN806, CN807) and DIGITAL board (CN1102, CN1103).
DIGITAL board

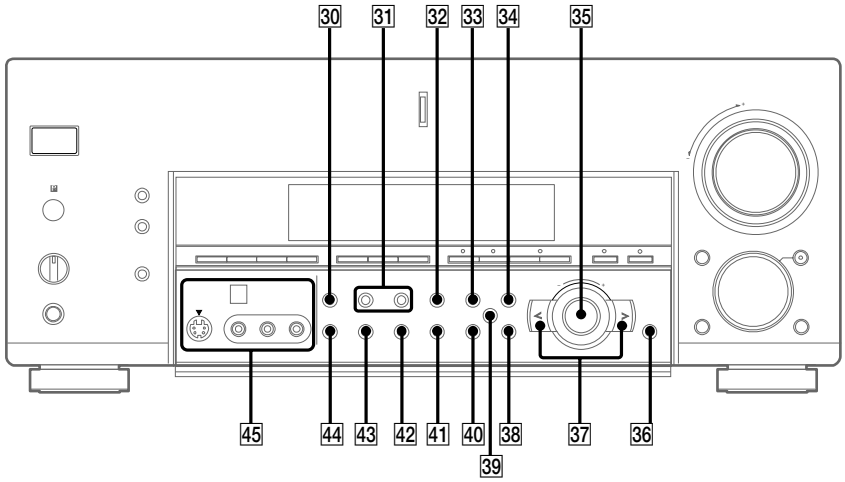
SECTION 2
GENERAL

This section is extracted from instruction manual.

LOCATION OF CONTROLS

– Front Panel –





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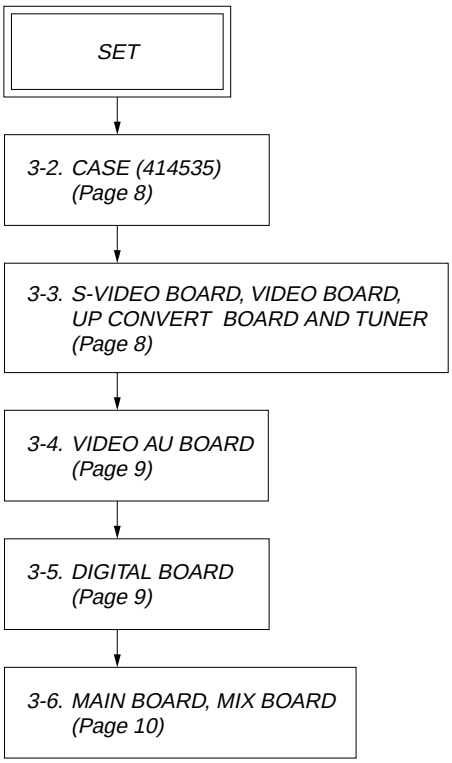
2ND ROOM 43 (58)
(Models of area code U, CA only)
I/⏻ (power) 1

SECTION 3
DISASSEMBLY

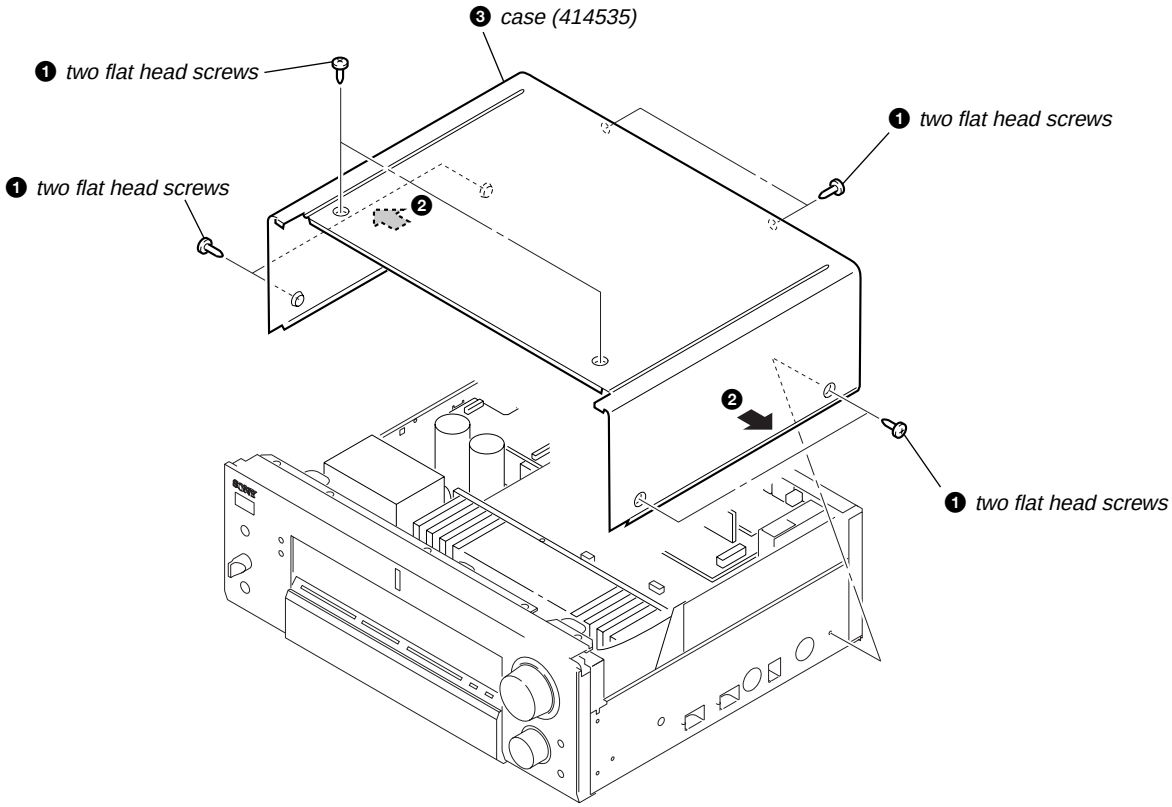
• This set can be disassembled in the order shown below.

3-1. DISASSEMBLY FLOW

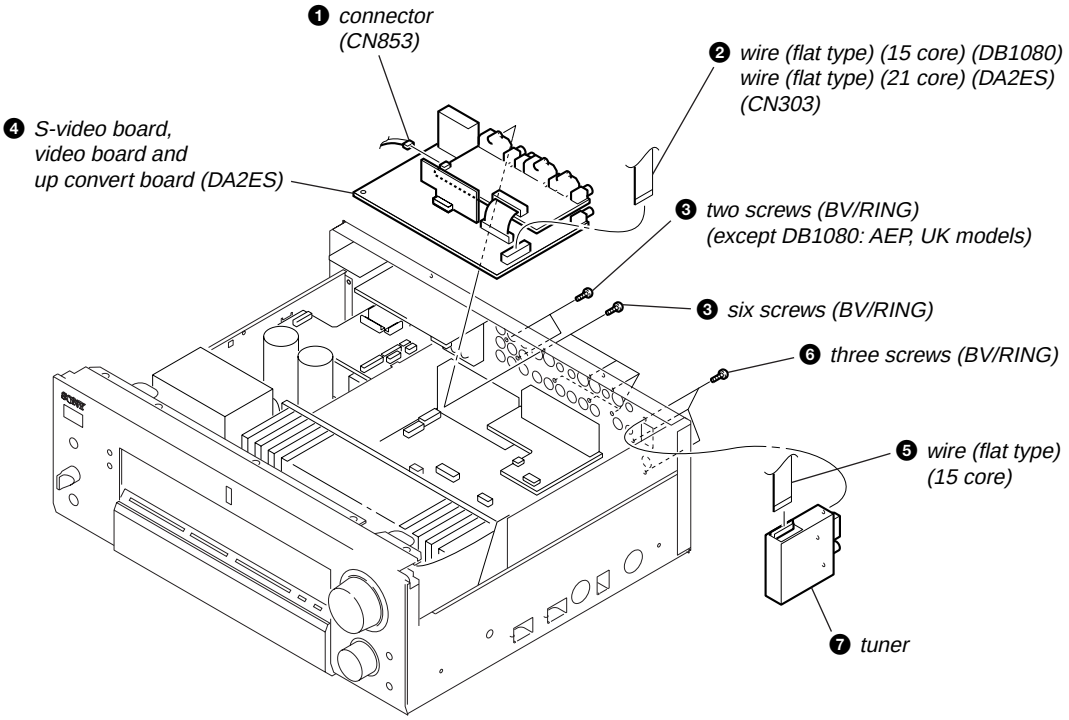


Note: Follow the disassembly procedure in the numerical order given.

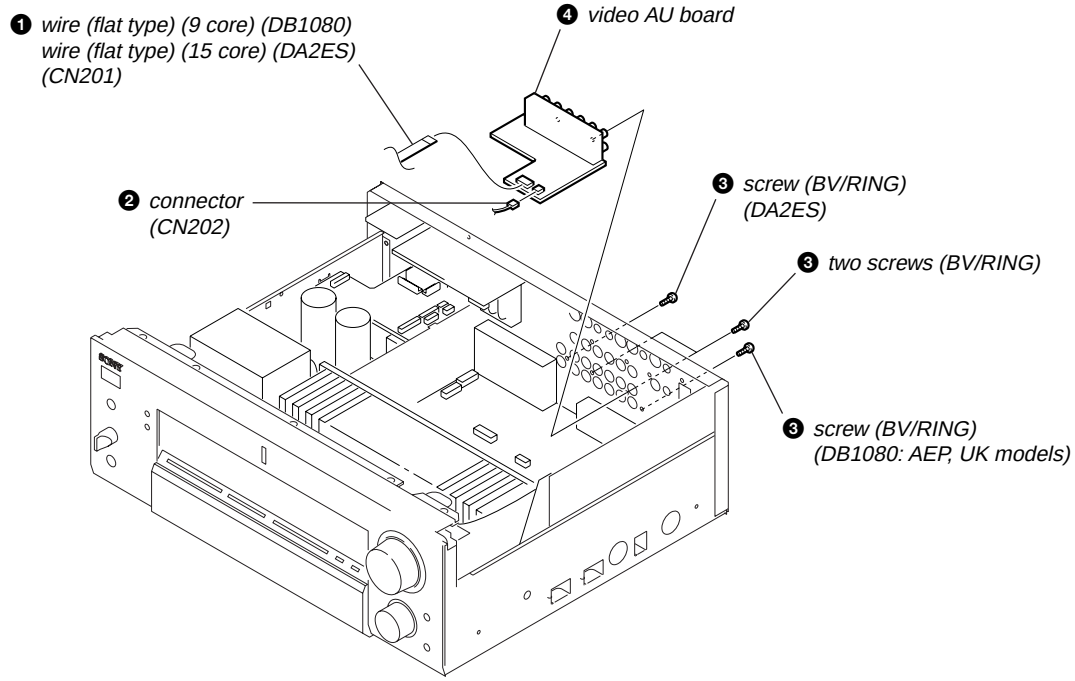
3-2. CASE (414535)



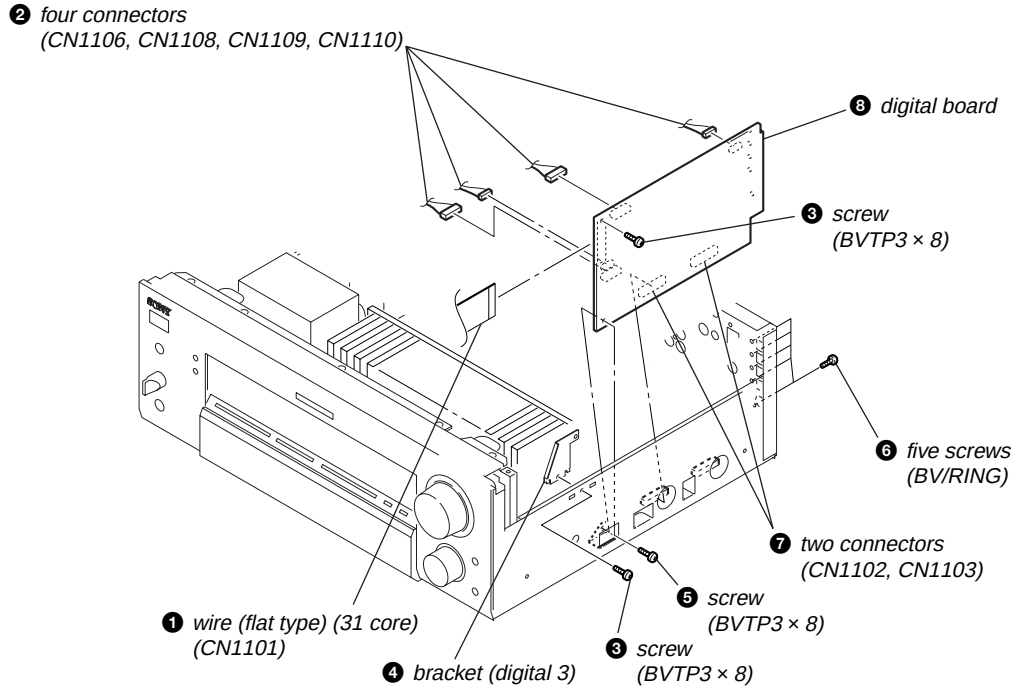
3-3. S-VIDEO BOARD, VIDEO BOARD, UP CONVERT BOARD (DA2ES) AND TUNER


❶ connector (CN853)
❷ wire (flat type) (15 core) (DB1080)
wire (flat type) (21 core) (DA2ES) (CN303)
❹ S-video board, video board and up convert board (DA2ES)
❸ two screws (BV/RING) (except DB1080: AEP, UK models)
❸ six screws (BV/RING)
❻ three screws (BV/RING)
❺ wire (flat type) (15 core)
❼ tuner

3-4. VIDEO.AU BOARD

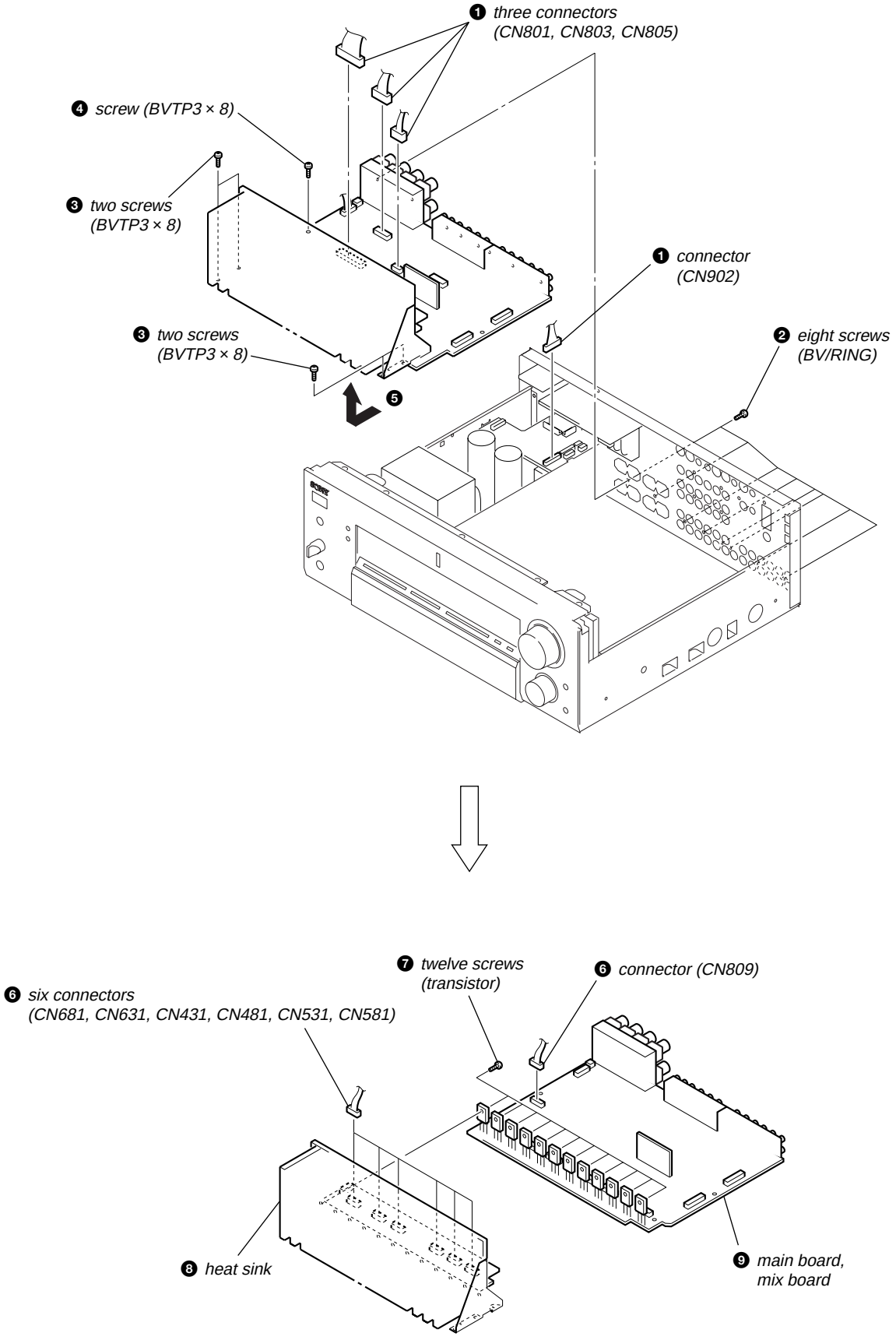


3-5. DIGITAL BOARD



Note: *When installing the digital board (CN1101), connecting the wire (flat type) (31 core) to the digital board beforehand improves the operatability.*

3-6. MAIN BOARD, MIX BOARD



SECTION 4
TEST MODE

TUNER FACTORY PRESET MODE

All preset contents are reset to the default setting.

Procedure:

1. While pressing the [DIMMER] and [SET UP] buttons, press the [I/⏻] button to turn on the main power.
2. The message "TUNER FACTORY PRESET" appears and the present contents are reset to the default values.

TUNER AM STEP CHANGE (9 kHz/10 kHz) MODE (Except STR-DB1080: AEP and UK models)

Either the 9 kHz step or 10 kHz step can be selected for the AM channel step.

Procedure:

1. While pressing the [PRESET TUNING +] or [TUNING +] button, press the [I/⏻] button to turn on the main power.
2. Either the message "AM 9 kHz Step" or "AM 10 kHz Step" appears. Select the desired step.

TUNER AUTOBETICAL TUNING MODE (STR-DB1080: AEP and UK models)

Procedure:

1. While pressing the [MEMORY] button, press the [I/⏻] button to turn on the main power.
2. The message "Autobetical select" appears and scans and stores all the FM and FM RDS stations in the broadcast area.
3. When done, the message "Autobetical finished" appears.

SOUND FIELD CLEAR MODE

The preset sound field is cleared when this mode is activated. Use this mode before returning the product to clients upon completion of repair.

Procedure:

1. While pressing the [MODE +] button, press the [I/⏻] button to turn on the main power.
2. The message "S.F Initialize" appears and initialization is performed.

ALL CLEAR MODE

All preset contents are cleared when this mode is activated. Use this mode before returning the product to clients upon completion of repair.

Procedure:

1. While pressing the [AUTO DEC.] and [MODE +] buttons, press the [I/⏻] button to turn on the main power.
2. The message "MEMORY CLEARED !" appears and the memories are reset to the default values.

MENU EXPAND FOR DEBUG MODE

Procedure:

1. Press the [I/⏻] button to turn on the main power.
2. Press two buttons of [CINEMA STUDIO EX] and [ENTER] simultaneously.
3. The message "MENU SPECIALIZED !" appears and menu expand turn on.
4. Press two buttons of [CINEMA STUDIO EX] and [ENTER] simultaneously once again.
5. The message "MENU SPECIALIZED OFF" appears and menu expand turn off.

FLUORESCENT INDICATOR TUBE PATTERN CHECK MODE

All fluorescent segments are tested. When this test is activated, all segments turn on at the same time, then each segment turns on one after another.

Procedure:

1. While pressing the [DISPLAY] and [ENTER] buttons, press the [I/⏻] button to turn on the main power.
2. All segments turn on at the same time.

SWAP MODE

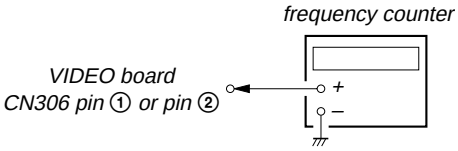
Procedure:

1. While pressing the [DISPLAY] and [2CH ST] buttons, press the [I/⏻] button to turn on the main power.
2. The message "SWAP MODE !" appears and swap mode turn on.

SECTION 5
ELECTRICAL ADJUSTMENT

OSD ADJUSTMENT

Connection



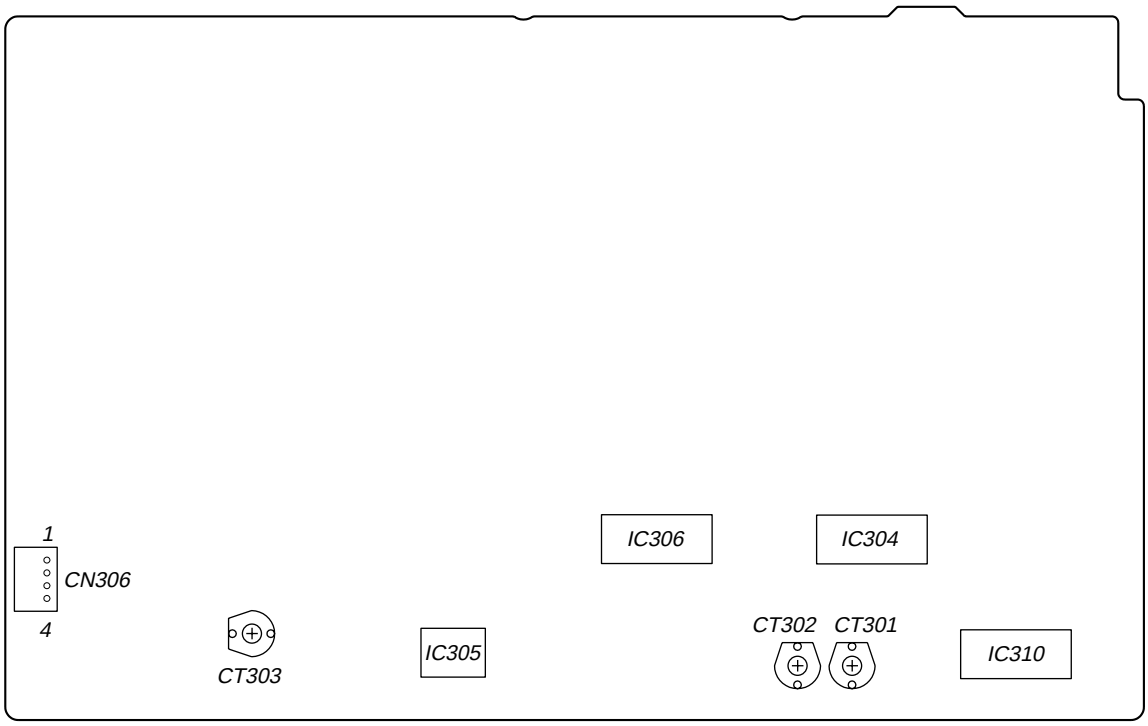
Procedure:

1. Short the CN306 pin ④ on the VIDEO board to the GND.
2. Connect a frequency counter to the CN306 pin ② on the VIDEO board.
3. Press the I/⏻ button to turn on the main power.
4. Press the CUSTOMIZE button.
5. Press the > button to display “COLOR SYSTEM”.
6. Turn the JOG DIAL to display “NTSC”.
7. Press the > button to display “OSD H.POSITION”.
8. Adjust the CT302 so that the frequency counter reading is 3.57954 MHz.
9. Press the < button to display “COLOR SYSTEM”.
10. Turn the JOG DIAL to display “PAL”.
11. Press the > button to display “OSD H.POSITION”.
12. Adjust the CT301 so that the frequency counter reading is 4.43361 MHz.
13. Press the I/⏻ button to turn off the main power.
14. Connect a frequency counter to the CN306 pin ① on the VIDEO board.
15. Press the I/⏻ button to turn on the main power.
16. Press the CUSTOMIZE button.
17. Press the > button to display “OSD V.POSITION”.
18. Adjust the CT303 so that the frequency counter reading is 7.20 MHz.

Note: The steps 5, 6 and 9 to 12 should be performed to the models except for the STR-DA2ES and STR-DB1080: Korean.

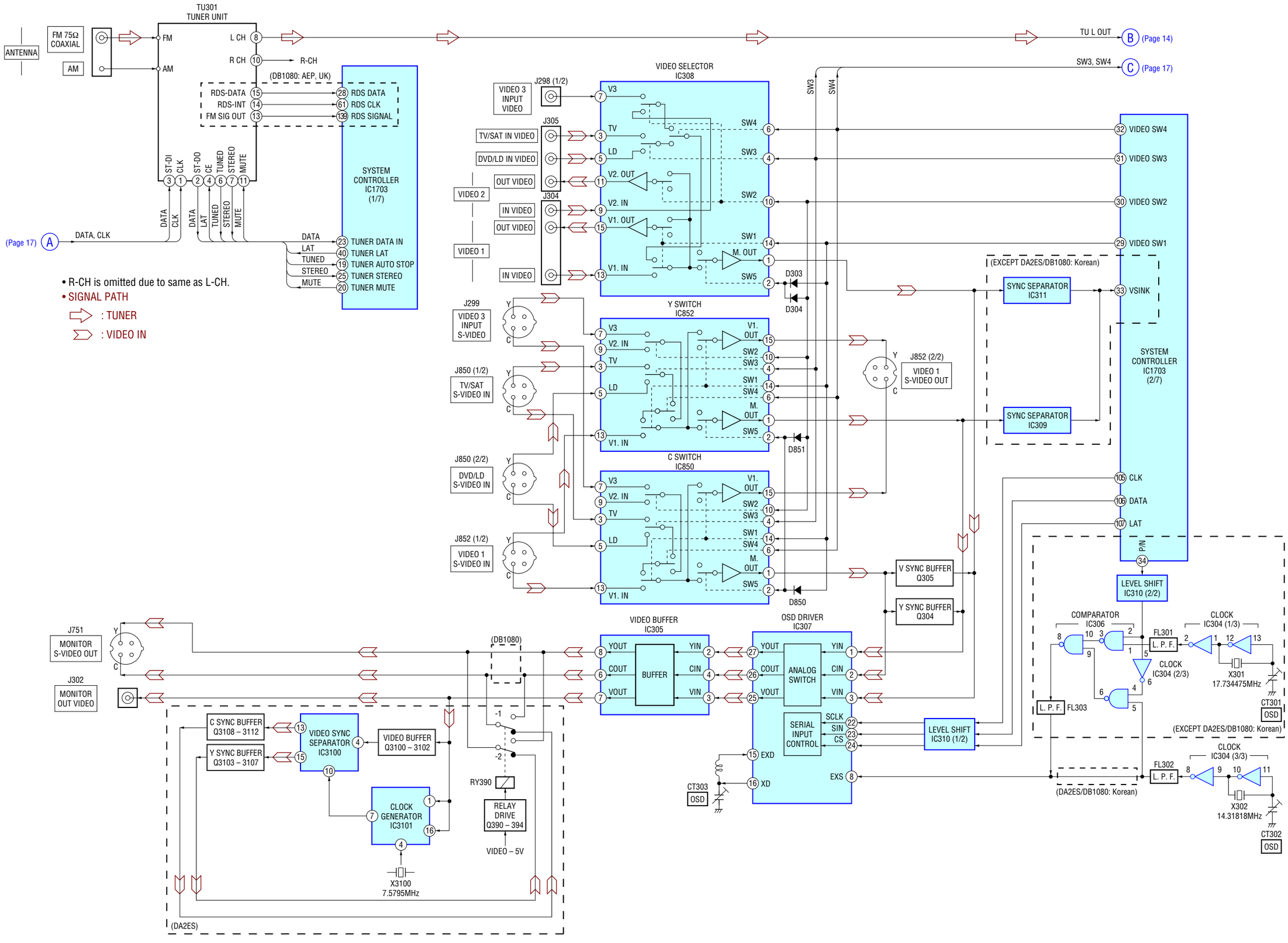
Adjustment and Connection Loacation:

– VIDEO BOARD (Component Side) –



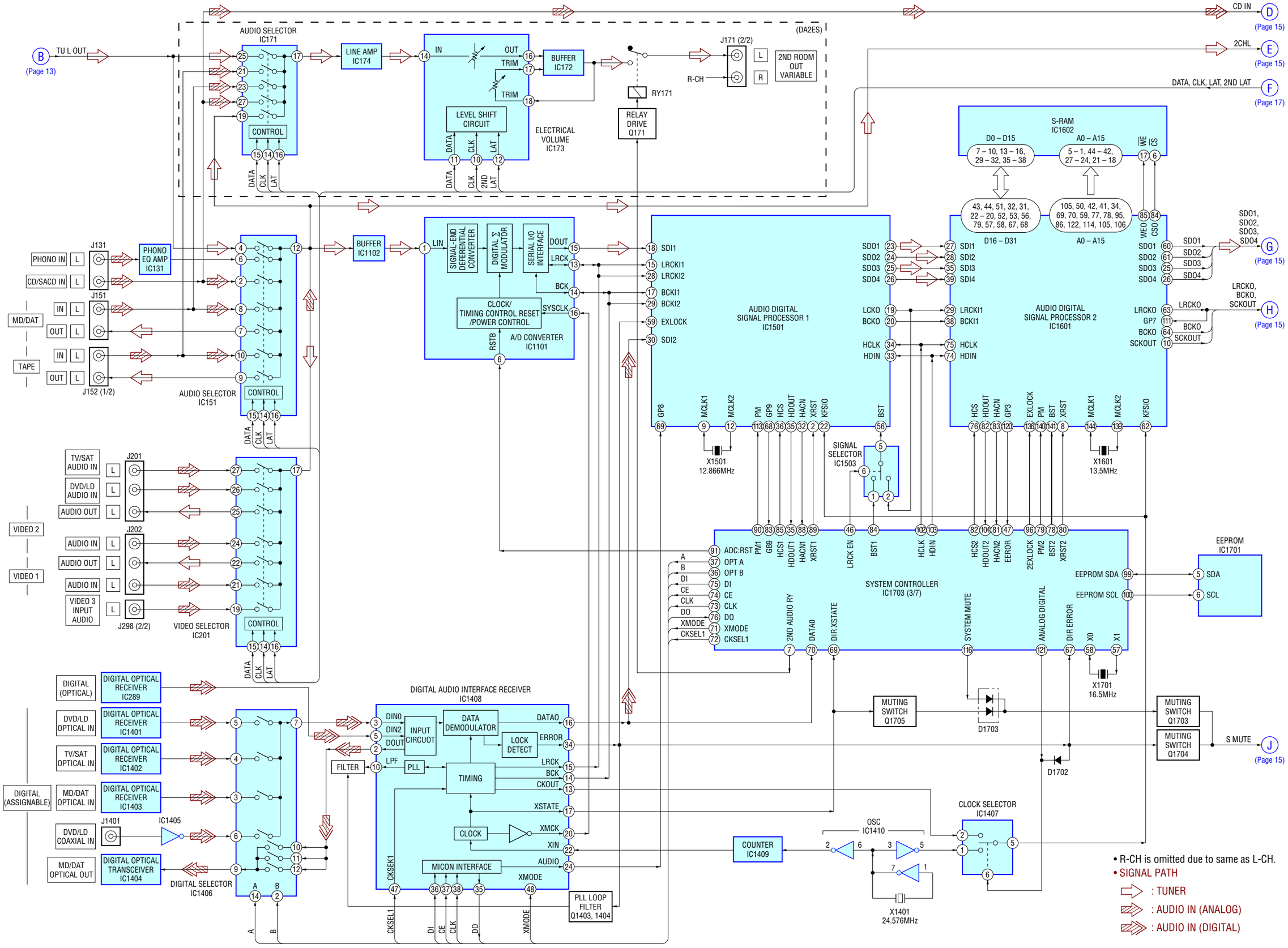
SECTION 6
DIAGRAMS

6-1. BLOCK DIAGRAM – TUNER/VIDEO INPUT Section –

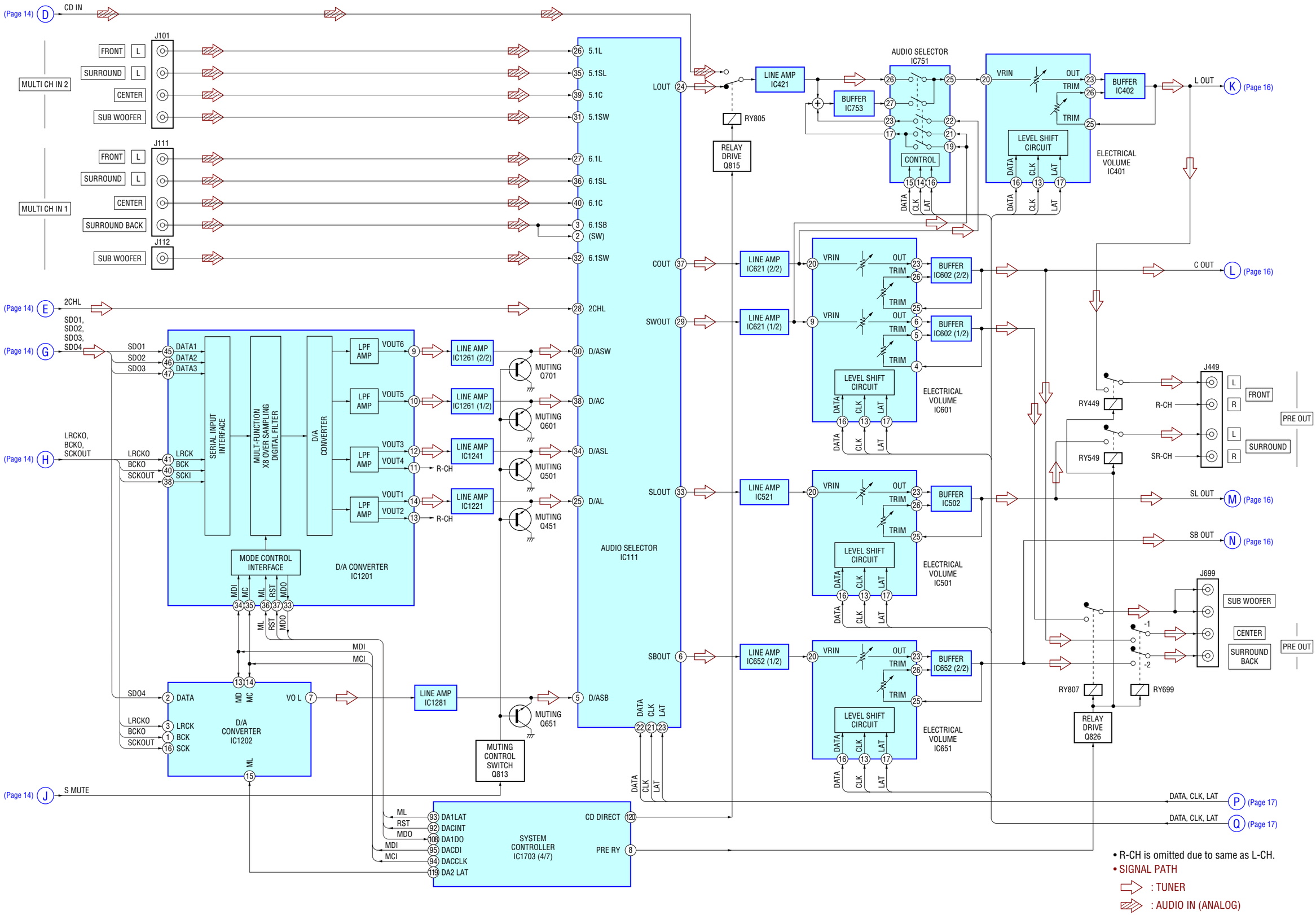


• R-CH is omitted due to same as L-CH.
• SIGNAL PATH
: TUNER
: VIDEO IN

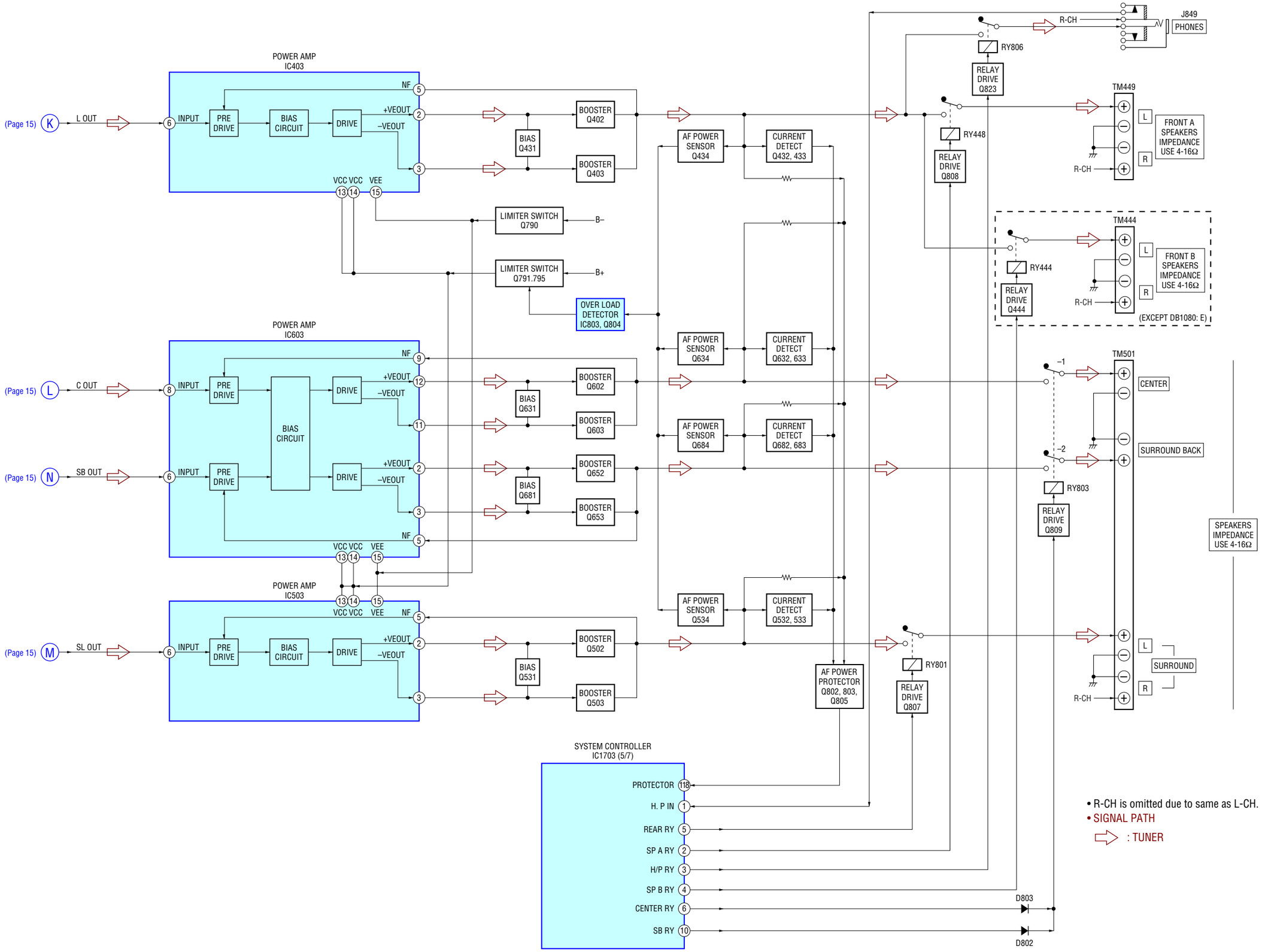
6-2. BLOCK DIAGRAM – AUDIO DSP Section –



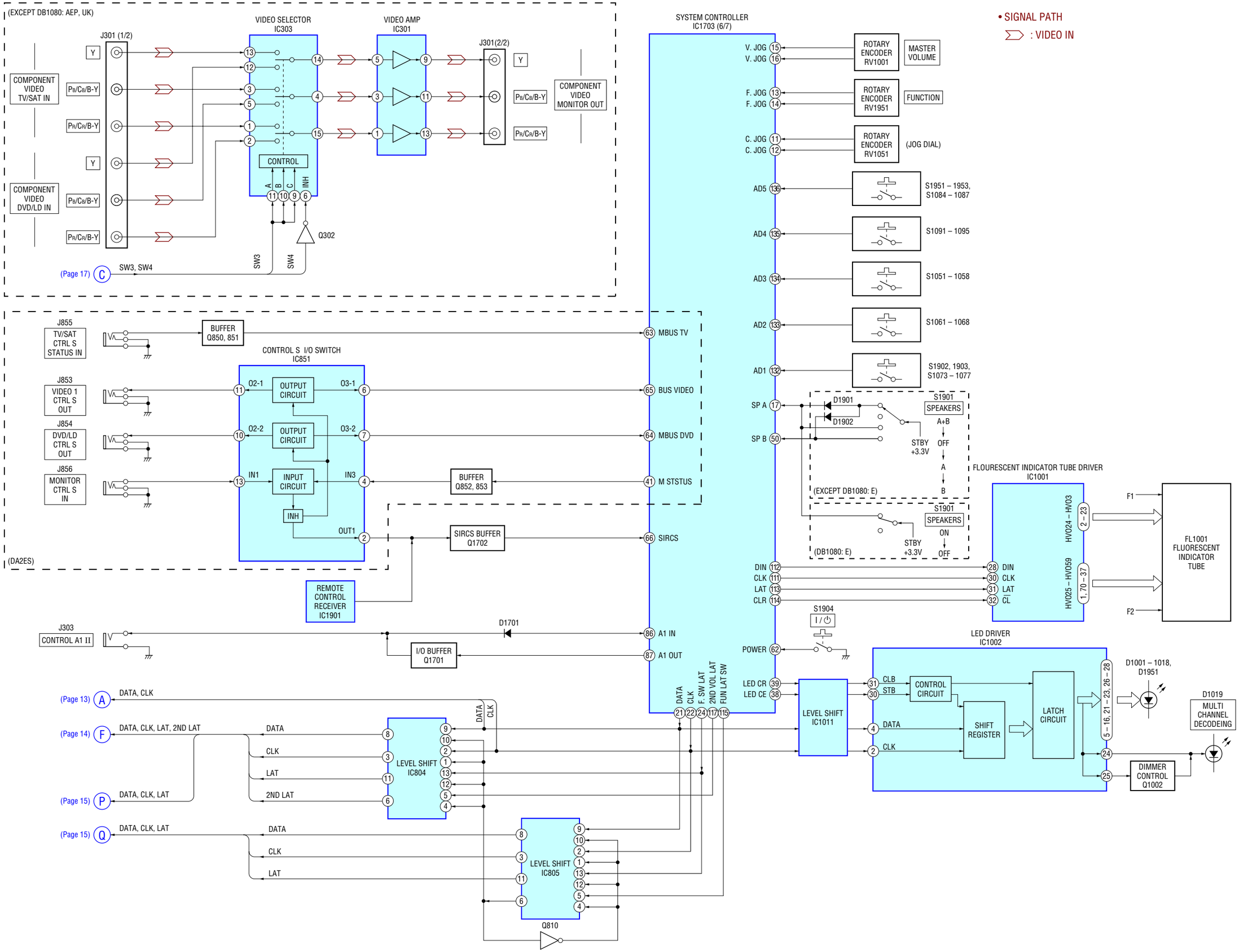
6-3. BLOCK DIAGRAM – AUDIO CONTROL Section –



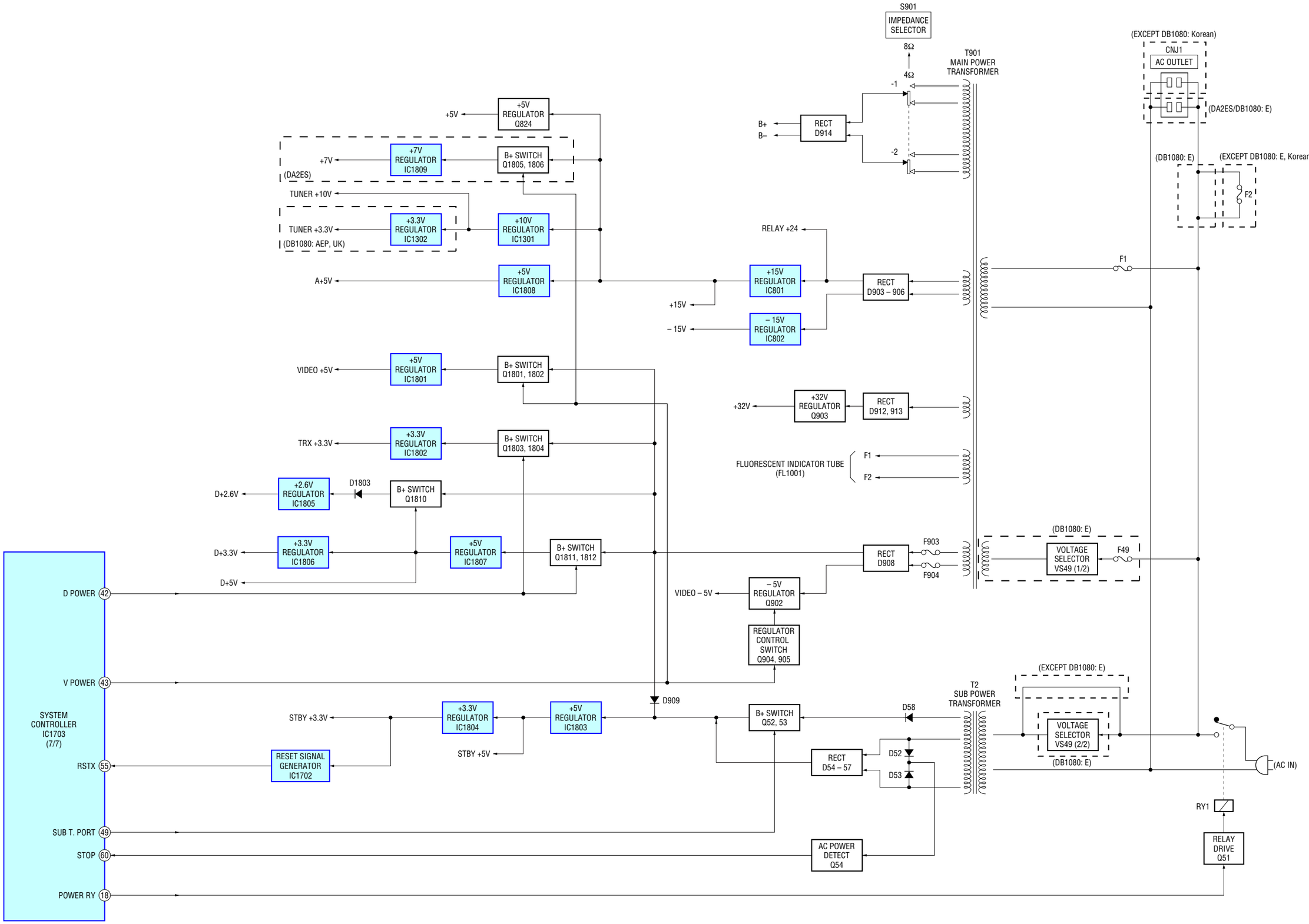
6-4. BLOCK DIAGRAM – POWER AMP Section –



6-5. BLOCK DIAGRAM – DISPLAY/KEY CONTROL Section –



6-6. BLOCK DIAGRAM – POWER SUPPLY Section –



6-7. NOTE FOR PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS

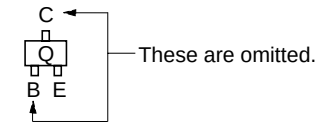
Note on Printed Wiring Board:

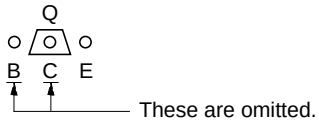
- ○——— : parts extracted from the component side.
- ——— : parts extracted from the conductor side.
- ▬ : Pattern from the side which enables seeing.

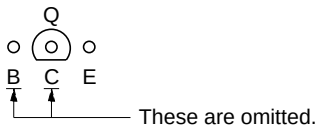
(The other layers' patterns are not indicated.)

Caution:	
Pattern face side: (Conductor Side)	Parts on the pattern face side seen from the pattern face are indicated.
Parts face side: (Component Side)	Parts on the parts face side seen from the parts face are indicated.

- Indication of transistor







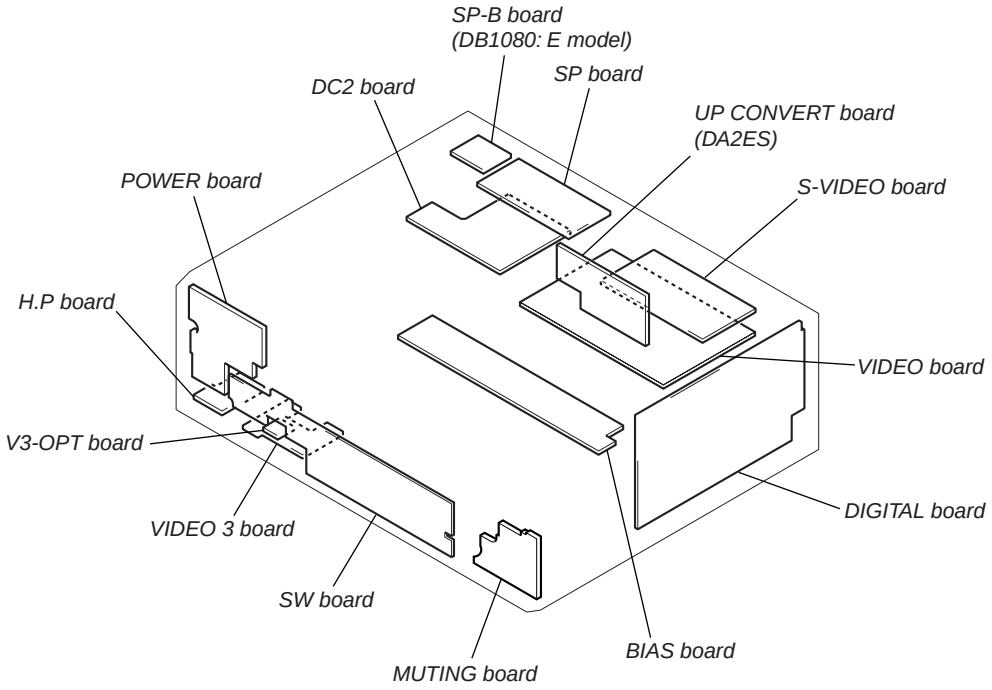
Note on Schematic Diagram:

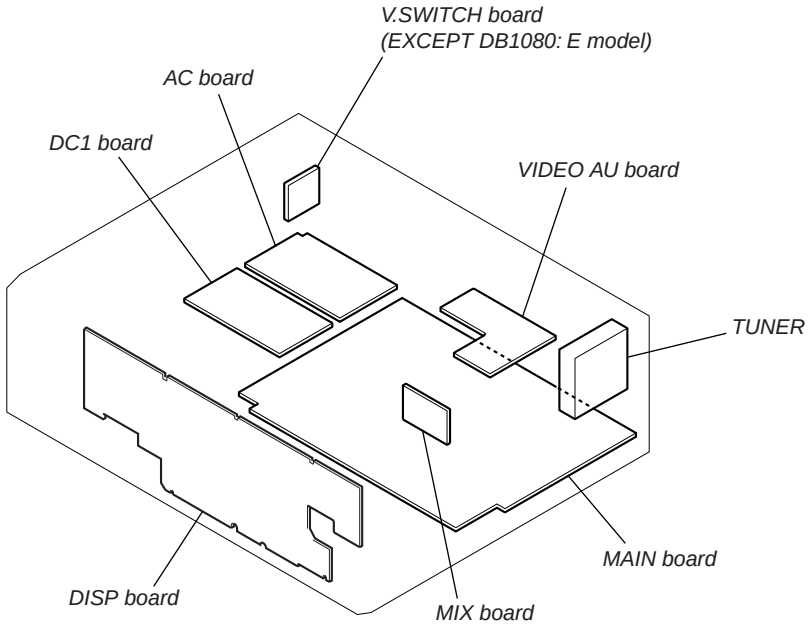
- All capacitors are in μF unless otherwise noted. pF: μμF 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4 W or less unless otherwise specified.
- △ : internal component.
- : nonflammable resistor.
- : panel designation.

Note:	**Note:**
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

- ▬ : B+ Line.
- ▬ ▬ ▬ : B– Line.
- Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.
  no mark : TUNER
  ( ) : VIDEO 1
  * : Impossible to measure
- Voltages are taken with a VOM (Input impedance 10 MΩ). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Signal path.
  : TUNER
  : AUDIO IN (ANALOG)
  : AUDIO IN (DIGITAL)
  : VIDEO IN
- Abbreviation
  CND : Canadian model
  KR : Korean model
  MY : Malaysia model
  SP : Singapore model

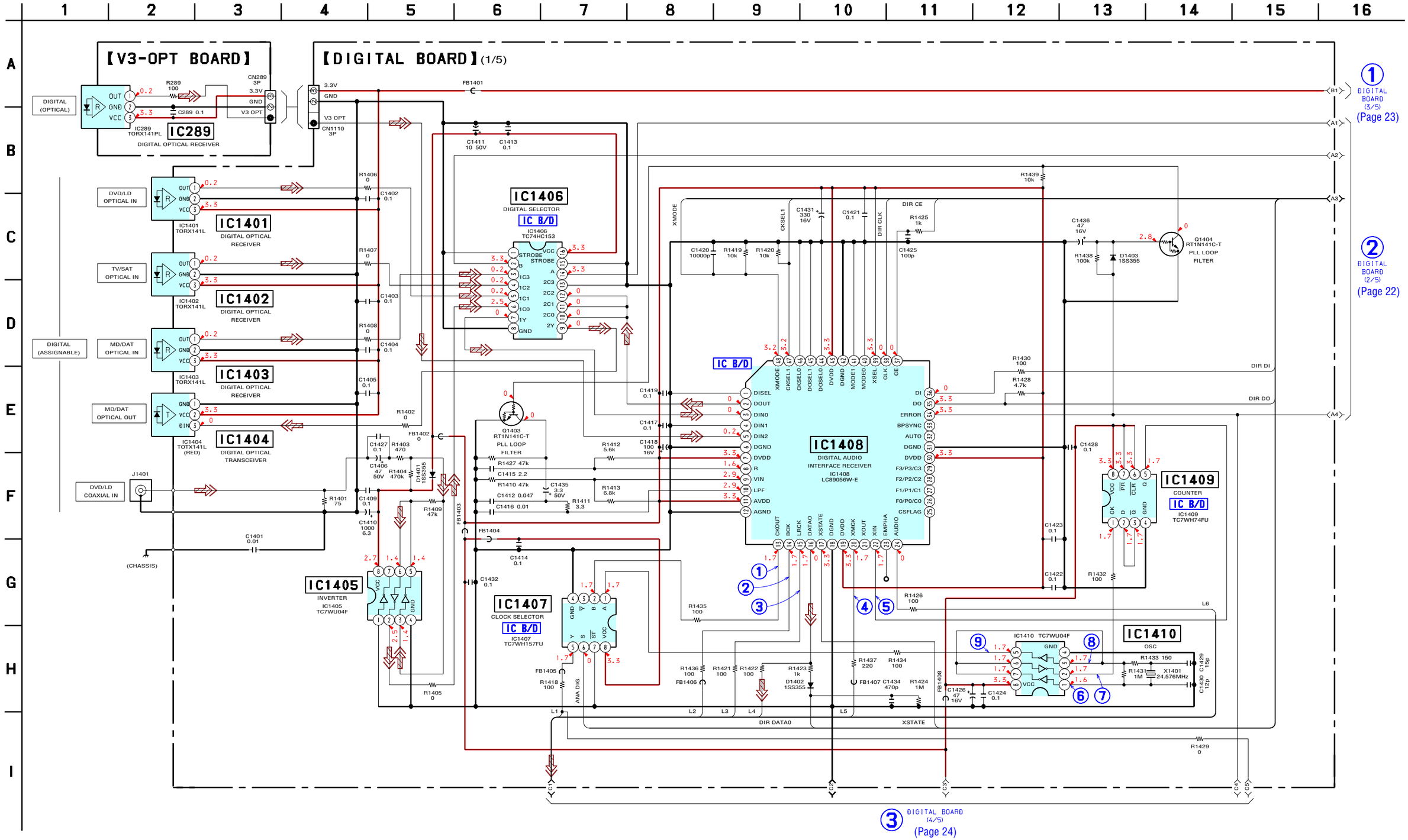
- **Circuit Boards Location**



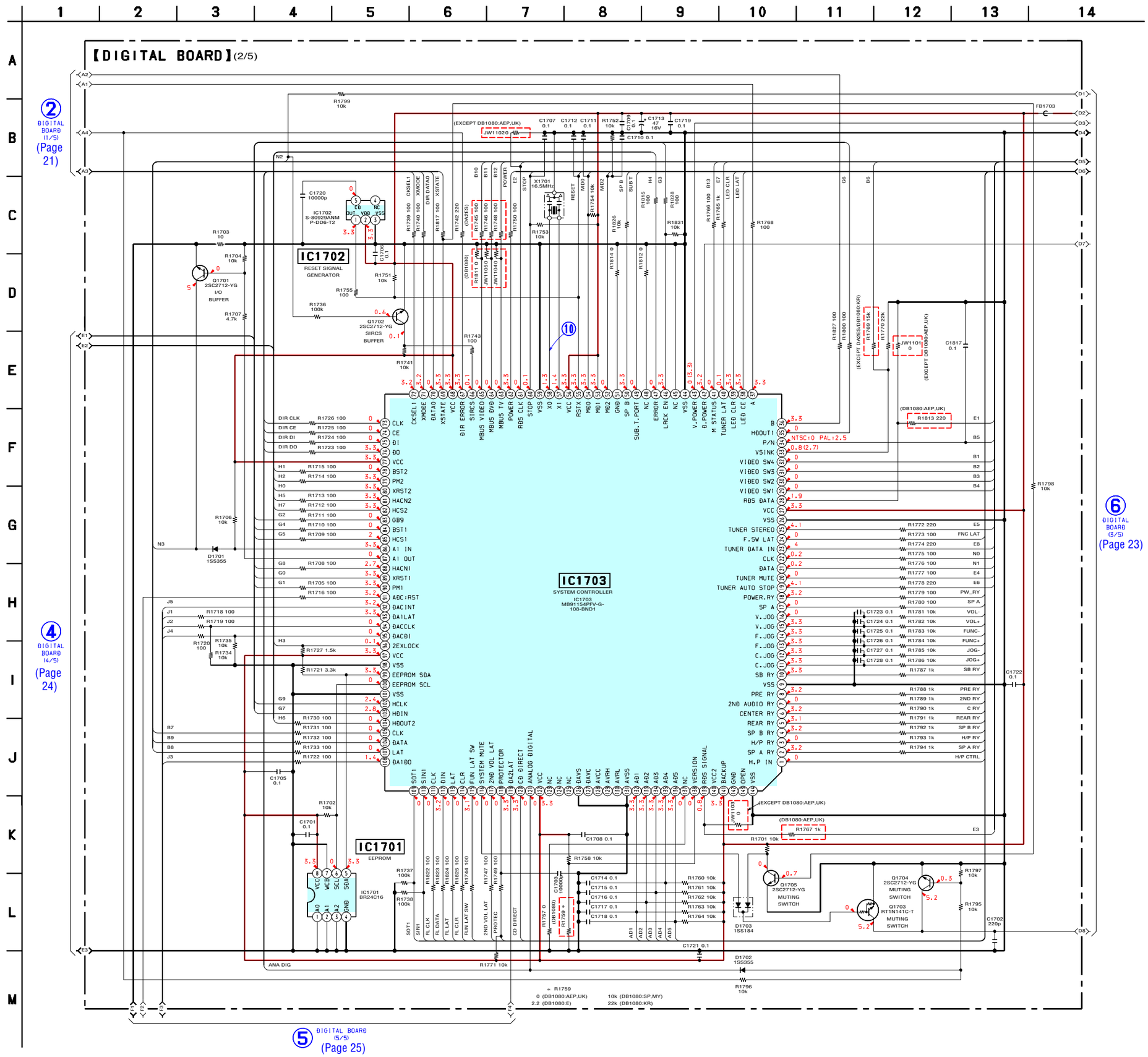


6-8. SCHEMATIC DIAGRAM – DIGITAL (1/5)/V-3 OPT Boards –

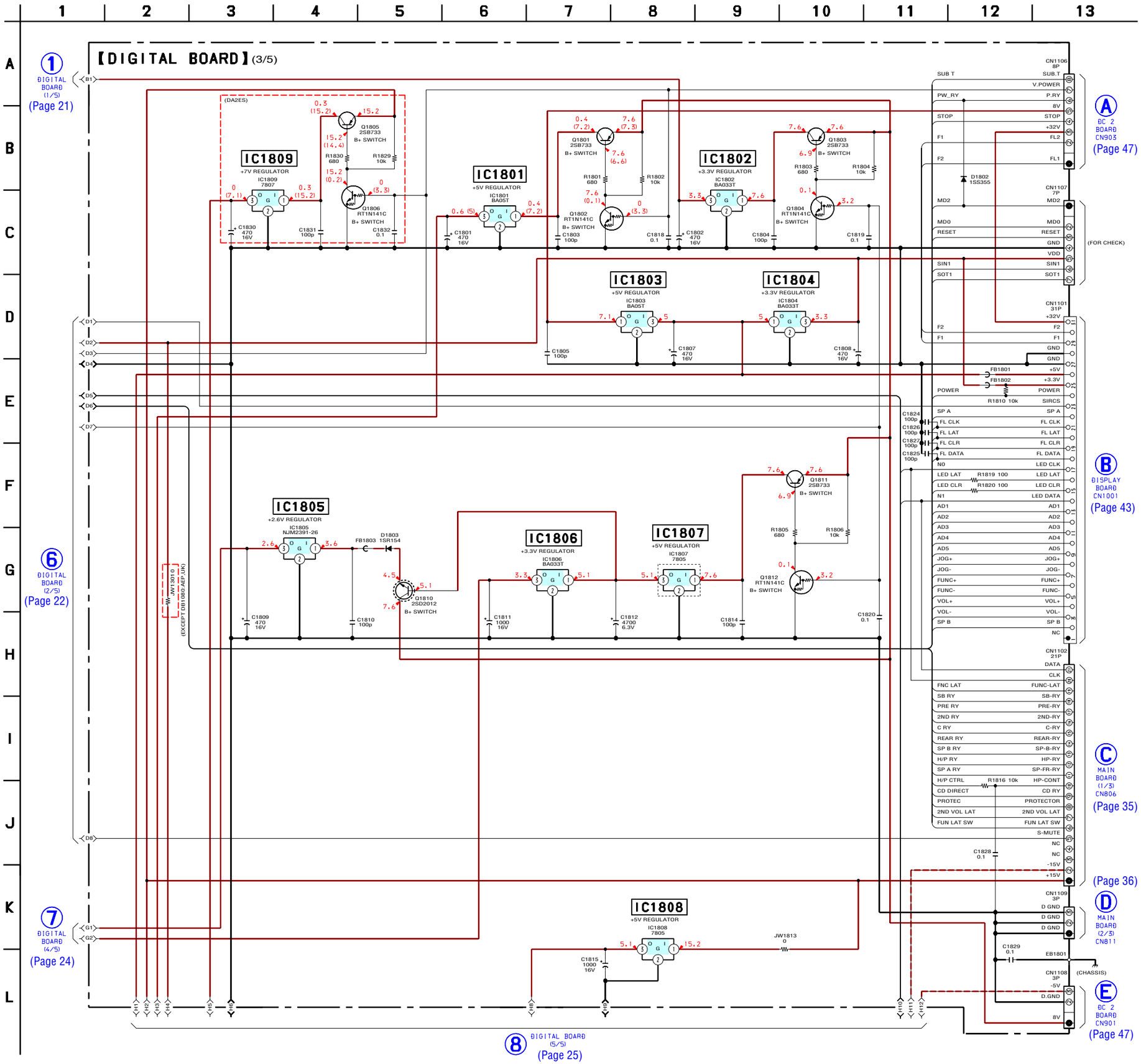
• See page 48 for Waveforms. • See page 50 for IC Block Diagrams.



6-9. SCHEMATIC DIAGRAM – DIGITAL Board (2/5) – • See page 48 for Waveform.

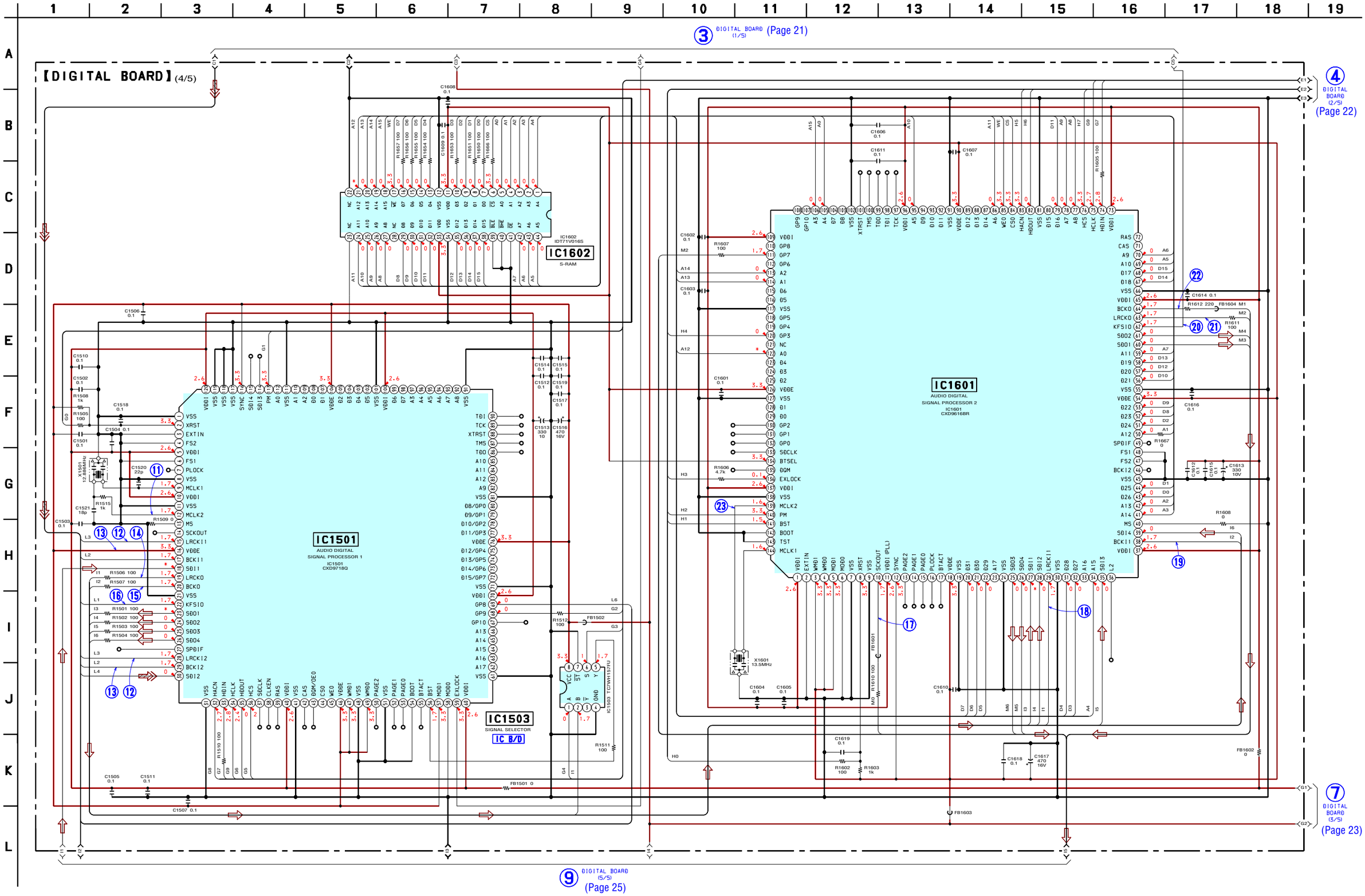


6-10. SCHEMATIC DIAGRAM – DIGITAL Board (3/5) –



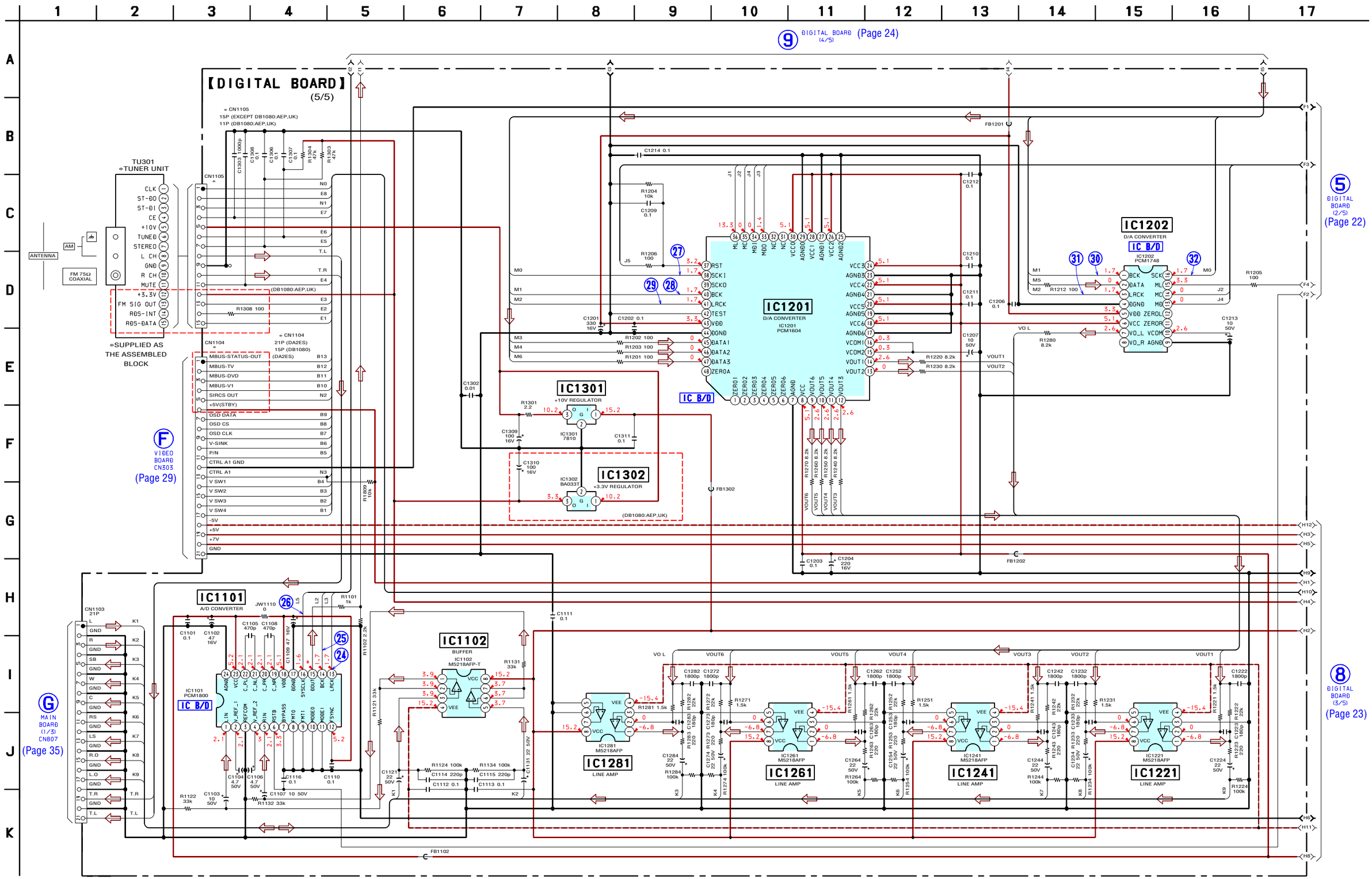
6-11. SCHEMATIC DIAGRAM – DIGITAL Board (4/5) –

• See page 48 for Waveforms. • See page 50 for IC Block Diagram.



6-12. SCHEMATIC DIAGRAM – DIGITAL Board (5/5) –

• See page 48 for Waveforms. • See page 50 for IC Block Diagrams.

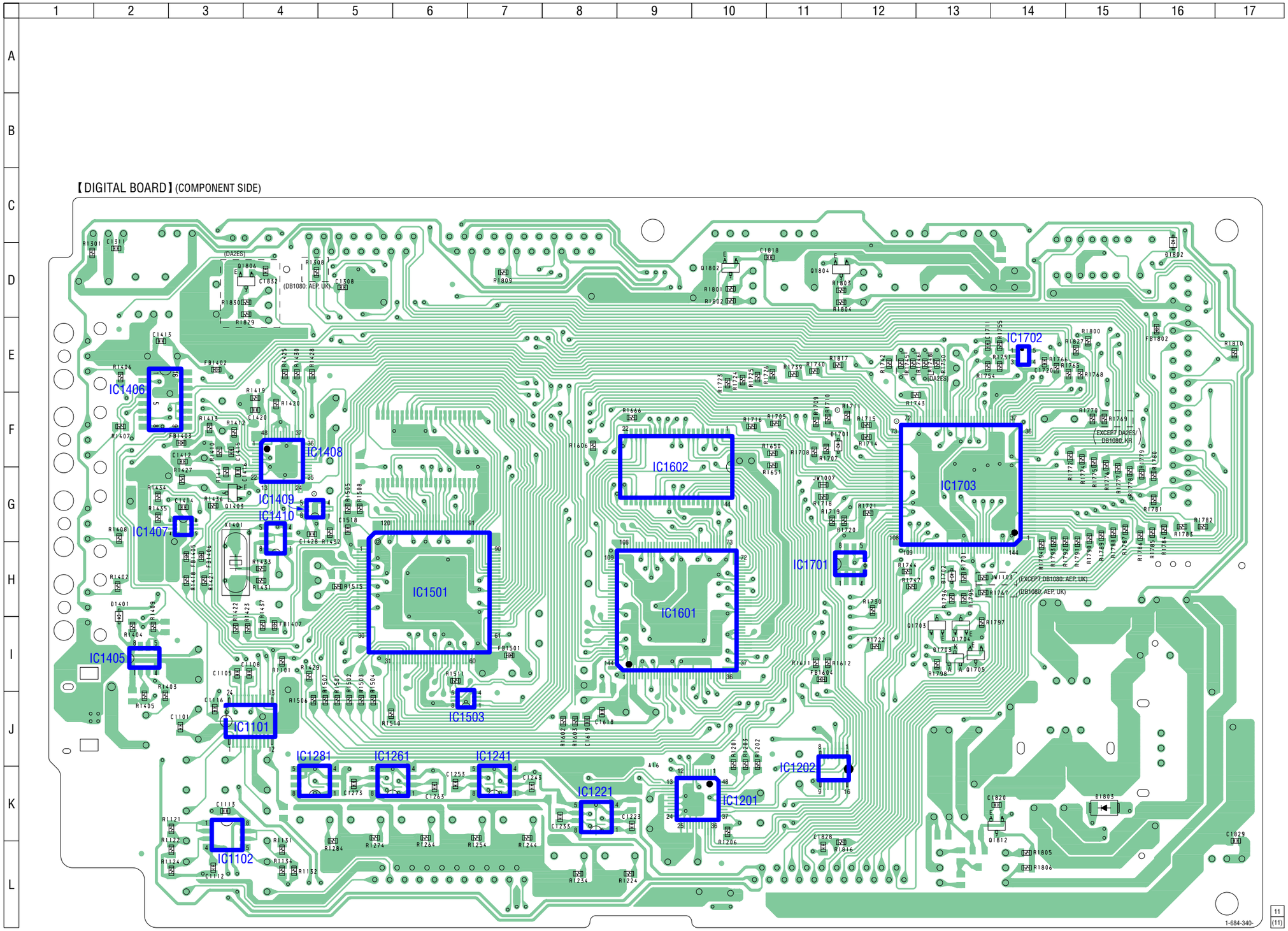


6-13. PRINTED WIRING BOARD – DIGITAL Board (Component Side) –

• See page 20 for Circuit Boards Location.

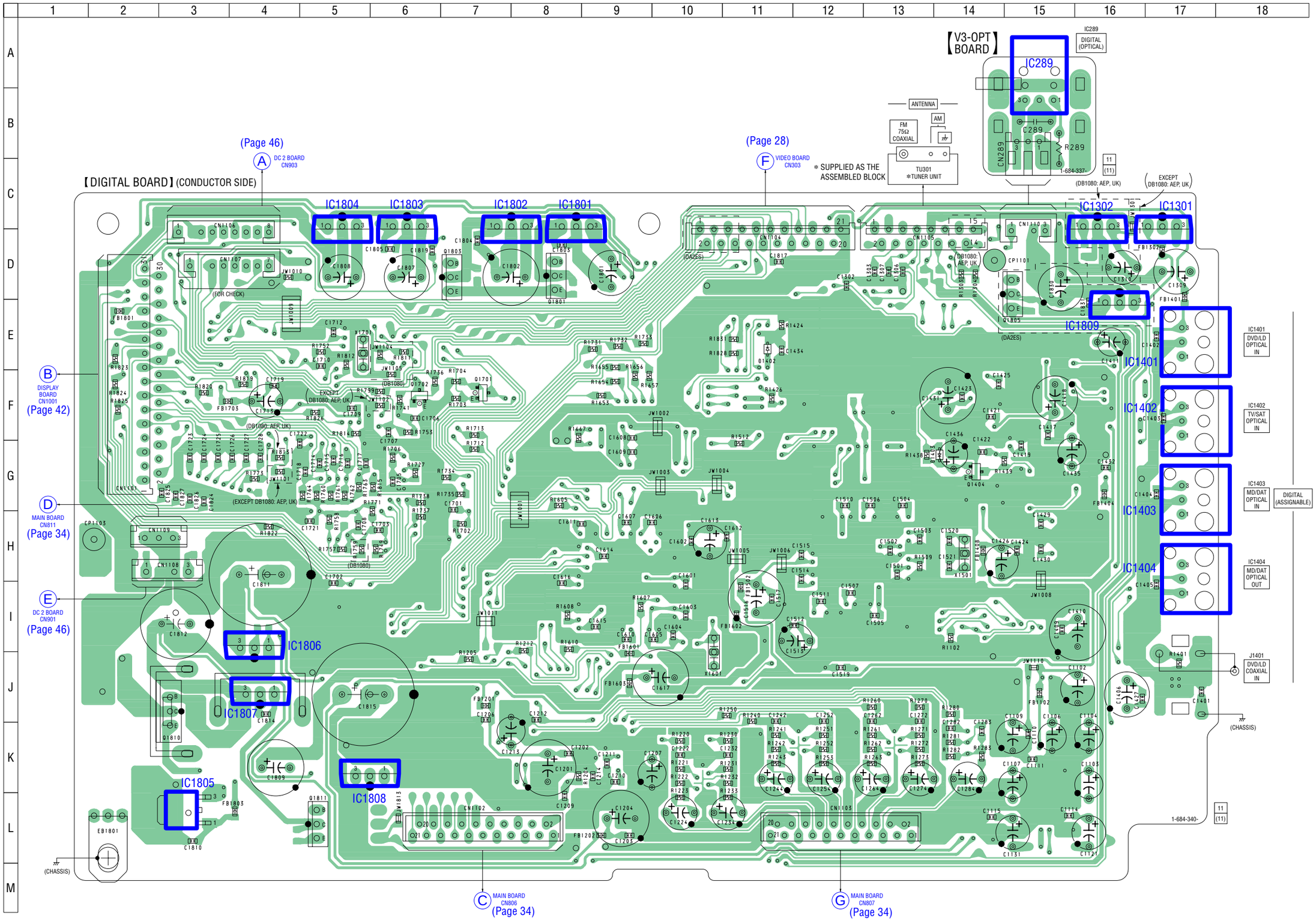
- **Semiconductor Location**

Ref. No.	Location
D1401	H-2
D1701	F-11
D1702	H-13
D1703	I-13
D1802	D-16
D1803	K-15
IC1101	J-4
IC1102	K-3
IC1201	K-10
IC1202	K-11
IC1221	K-8
IC1241	K-7
IC1261	K-5
IC1281	K-4
IC1405	I-2
IC1406	F-2
IC1407	G-3
IC1408	F-4
IC1409	G-4
IC1410	G-4
IC1501	H-6
IC1503	J-6
IC1601	H-9
IC1602	F-9
IC1701	H-12
IC1702	E-14
IC1703	G-13
Q1403	G-3
Q1703	I-13
Q1704	I-13
Q1705	I-13
Q1802	D-10
Q1803	D-11
Q1806	D-4
Q1812	K-14



6-14. PRINTED WIRING BOARDS – DIGITAL (Conductor Side)/V-3 OPT Boards –

• See page 20 for Circuit Boards Location.



- **Semiconductor Location**

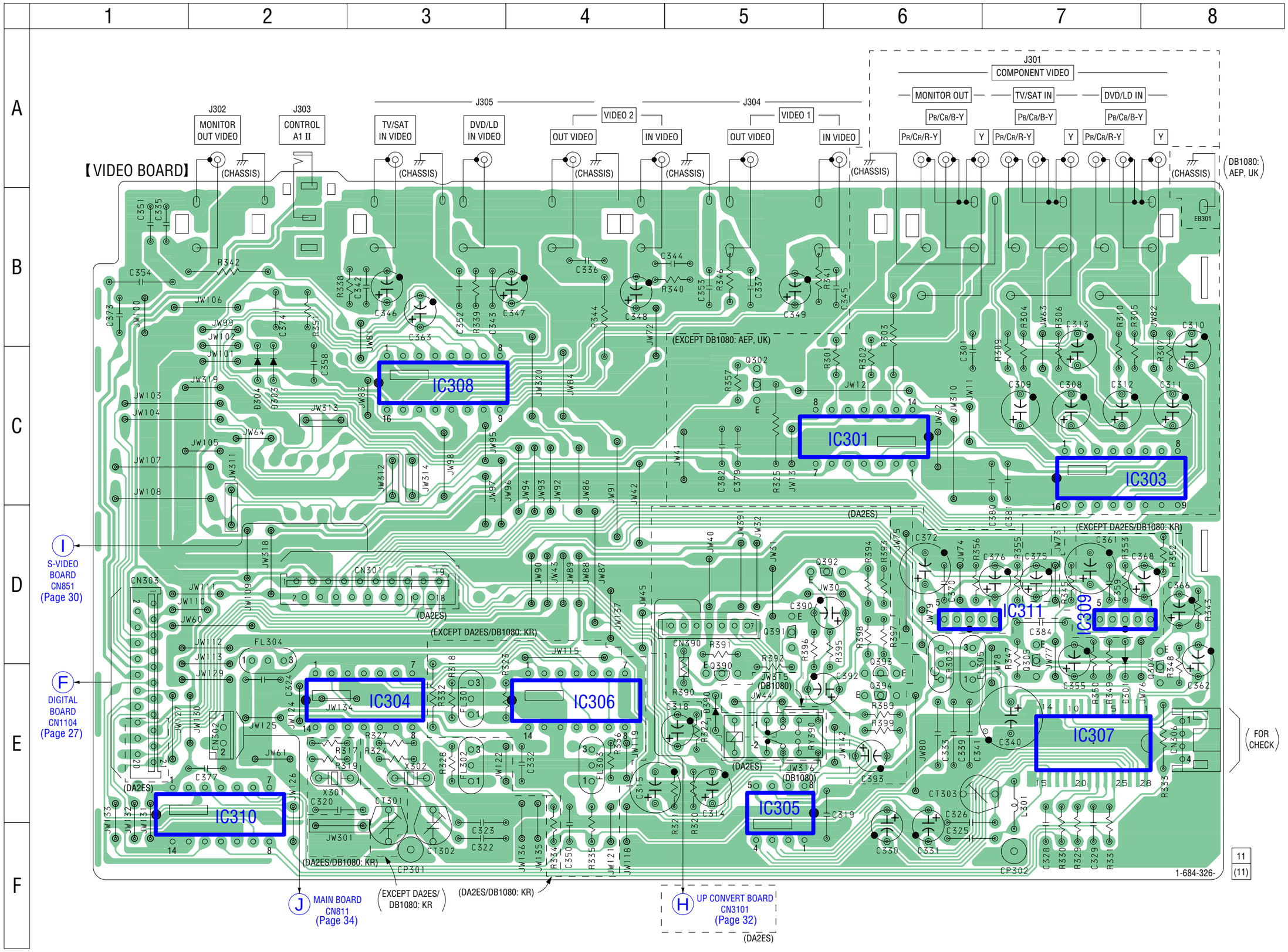
Ref. No.	Location
D1402	E-11
D1403	G-14
IC289	B-15
IC1301	C-17
IC1302	C-16
IC1401	E-17
IC1402	F-17
IC1403	G-17
IC1404	H-17
IC1801	C-8
IC1802	C-7
IC1803	C-6
IC1804	C-5
IC1805	L-3
IC1806	I-4
IC1807	J-4
IC1808	K-5
IC1809	E-16
Q1404	G-14
Q1701	F-7
Q1702	F-6
Q1801	D-8
Q1804	D-7
Q1805	D-15
Q1810	J-3
Q1811	L-5

6-15. PRINTED WIRING BOARD – VIDEO Board –

• See page 20 for Circuit Boards Location.

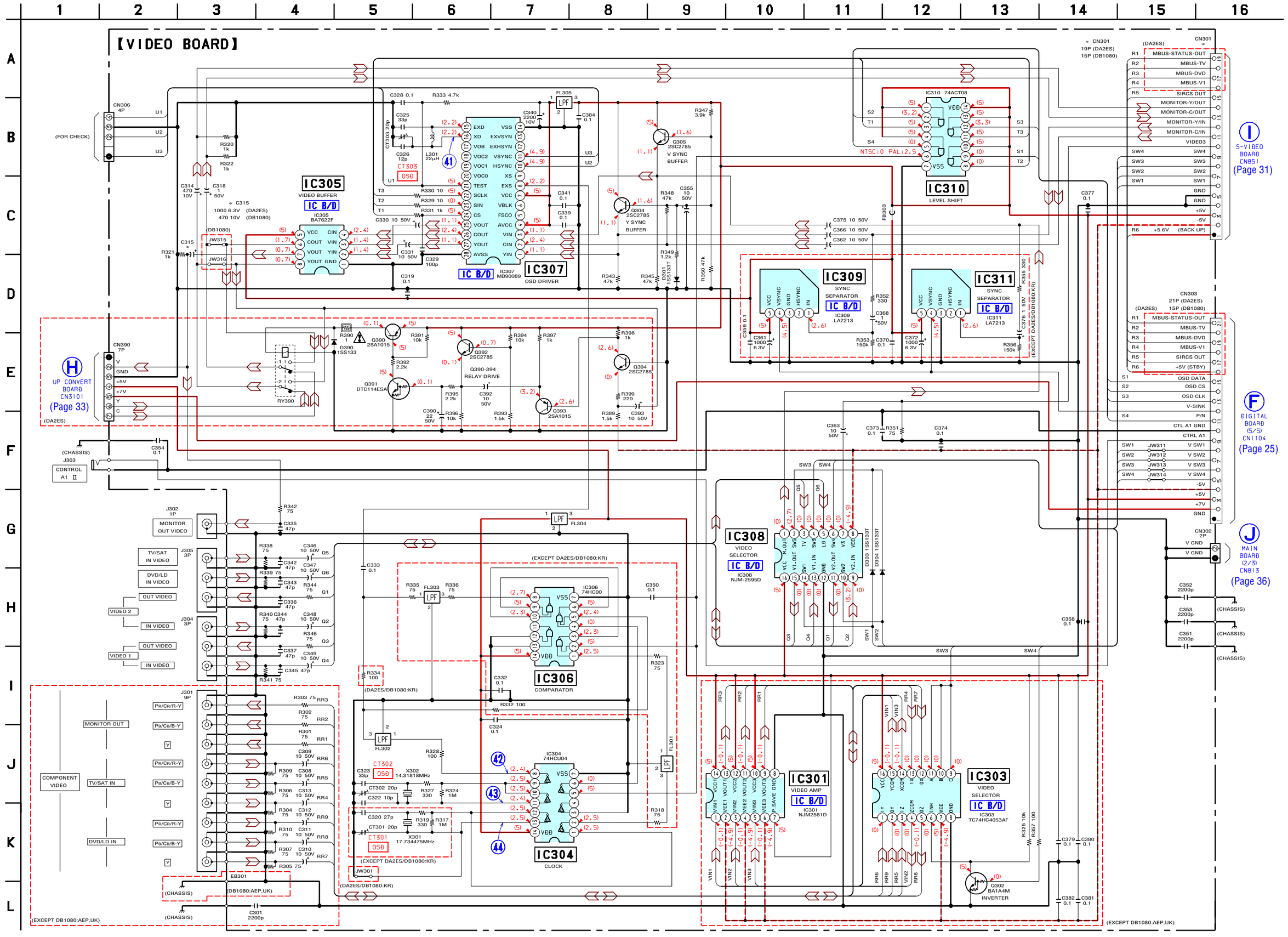
• **Semiconductor Location**

Ref. No.	Location
D301	D-7
D303	C-2
D304	C-2
D390	E-5
IC301	C-6
IC303	C-7
IC304	E-3
IC305	E-5
IC306	E-4
IC307	E-7
IC308	C-3
IC309	D-7
IC310	E-2
IC311	D-6
Q302	C-5
Q304	E-8
Q305	D-7
Q390	E-5
Q391	D-5
Q392	D-6
Q393	E-6
Q394	E-6



6-16. SCHEMATIC DIAGRAM – VIDEO Board –

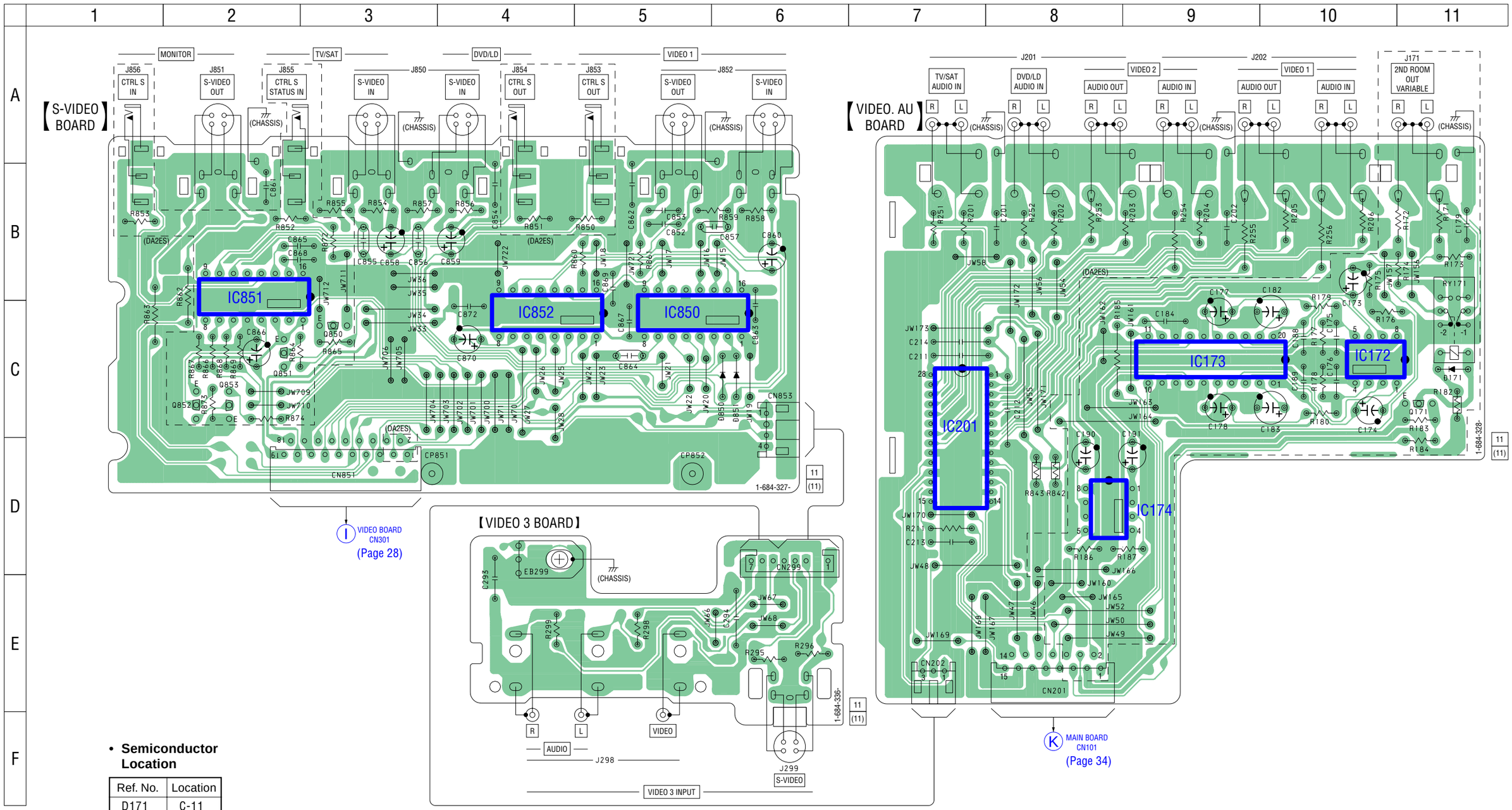
• See page 48 for Waveforms. • See page 50 for IC Block Diagrams.



The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

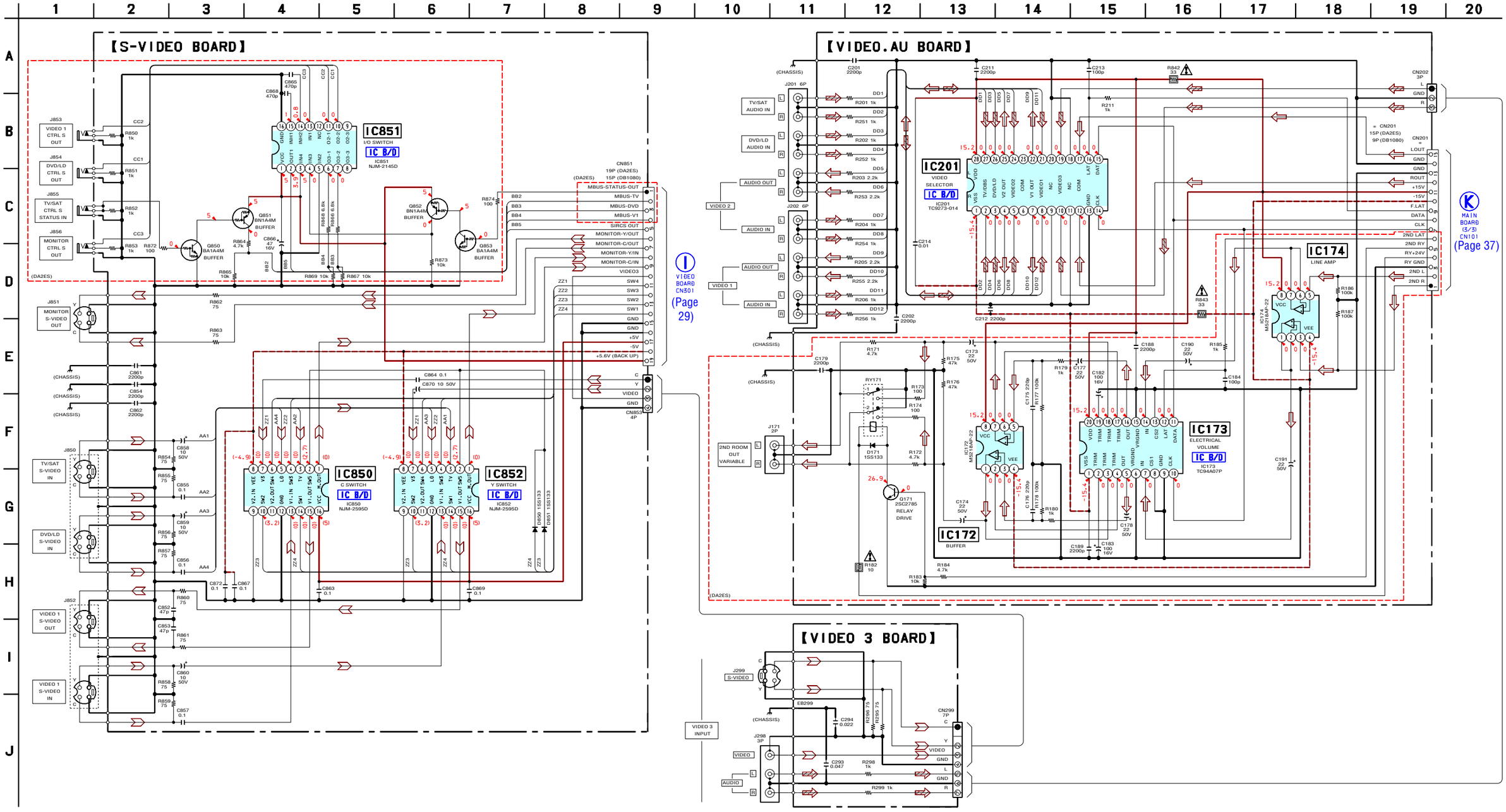
6-17. PRINTED WIRING BOARDS – S-VIDEO/VIDEO 3/VIDEO.AU Boards – • See page 20 for Circuit Boards Location.



- **Semiconductor Location**

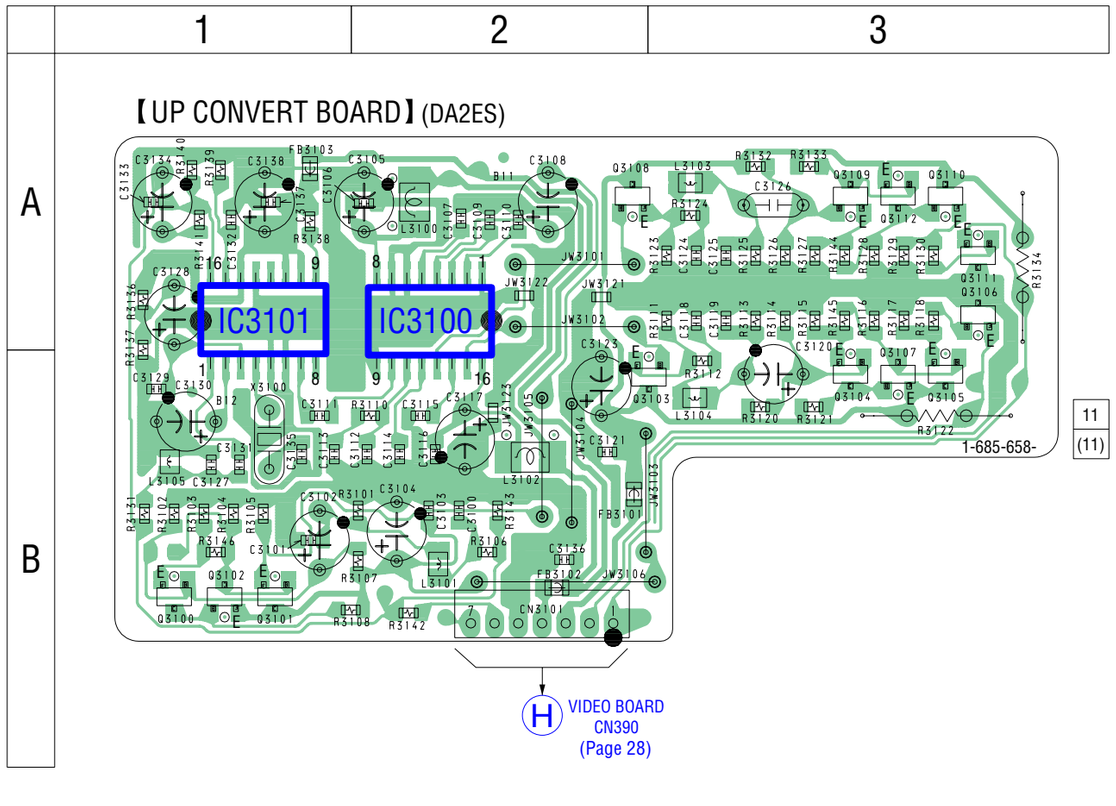
Ref. No.	Location
D171	C-11
D850	C-6
D851	C-6
IC172	C-10
IC173	C-9
IC174	D-8
IC201	C-7
IC850	C-5
IC851	B-2
IC852	C-4
Q171	C-11
Q850	C-3
Q851	C-2
Q852	C-2
Q853	C-2

6-18. SCHEMATIC DIAGRAM – S-VIDEO/VIDEO 3/VIDEO.AU Boards – • See page 50 for IC Block Diagrams.



The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

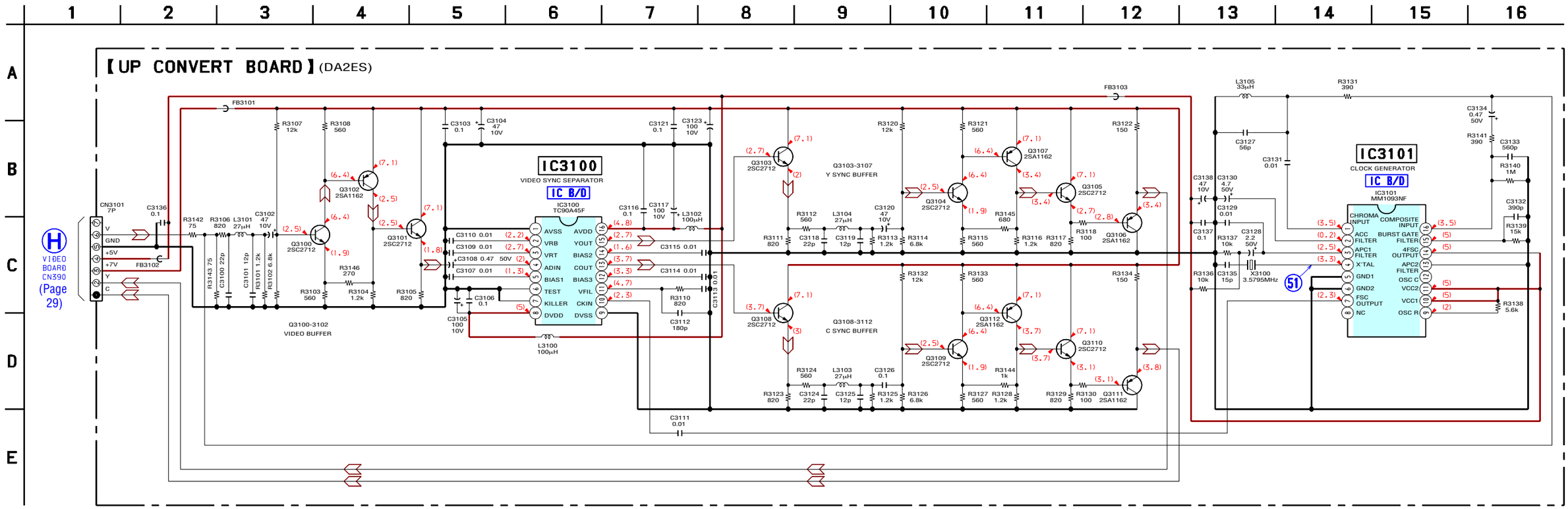
6-19. PRINTED WIRING BOARD – UP CONVERT Board – • See page 20 for Circuit Boards Location.



- **Semiconductor Location**

Ref. No.	Location
IC3100	A-2
IC3101	A-1
Q3100	B-1
Q3101	B-1
Q3102	B-1
Q3103	B-3
Q3104	B-3
Q3105	B-3
Q3106	A-3
Q3107	B-3
Q3108	A-2
Q3109	A-3
Q3110	A-3
Q3111	A-3
Q3112	A-3

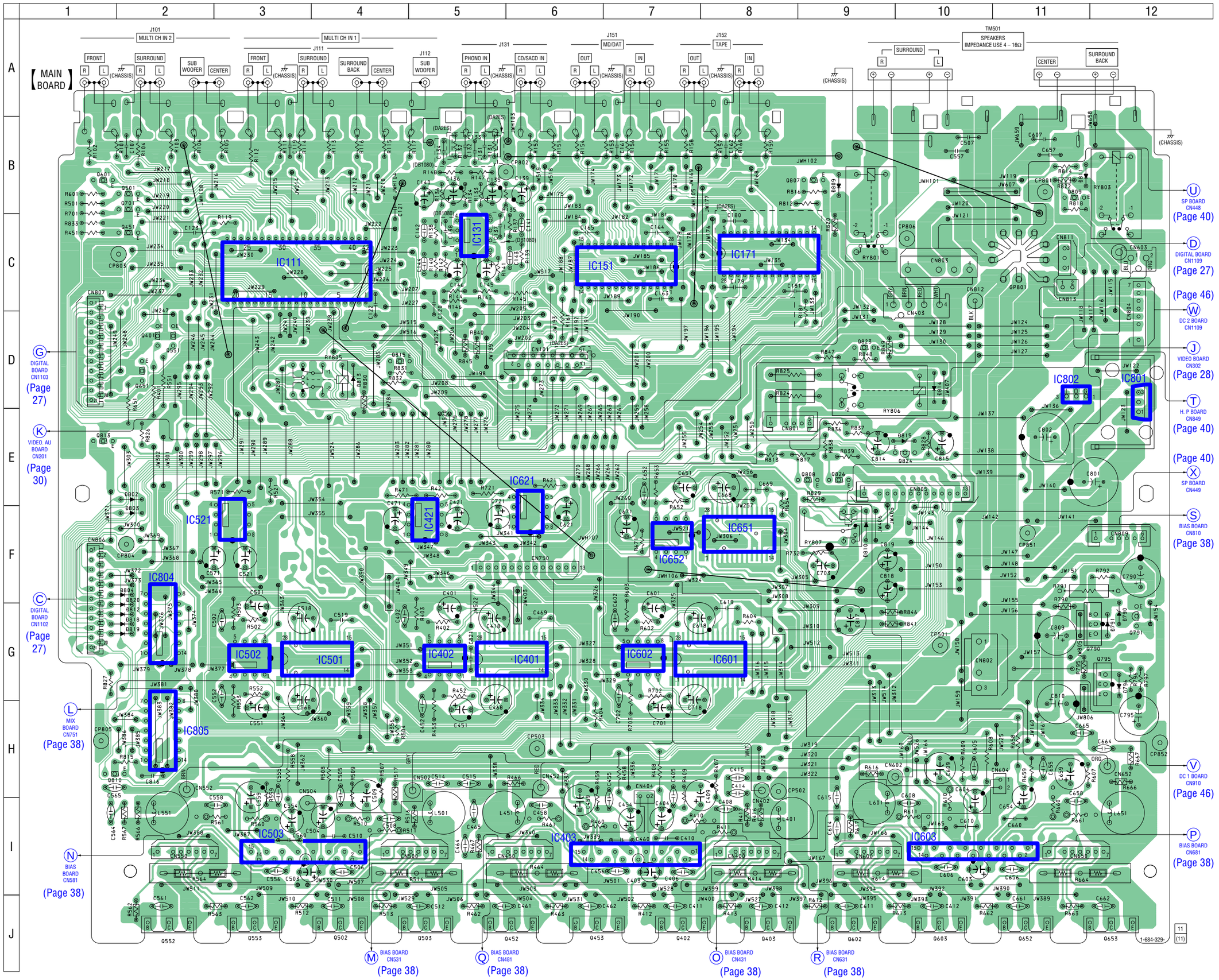
6-20. SCHEMATIC DIAGRAM – UP CONVERT Board – • See page 48 for Waveform. • See page 50 for IC Block Diagrams.



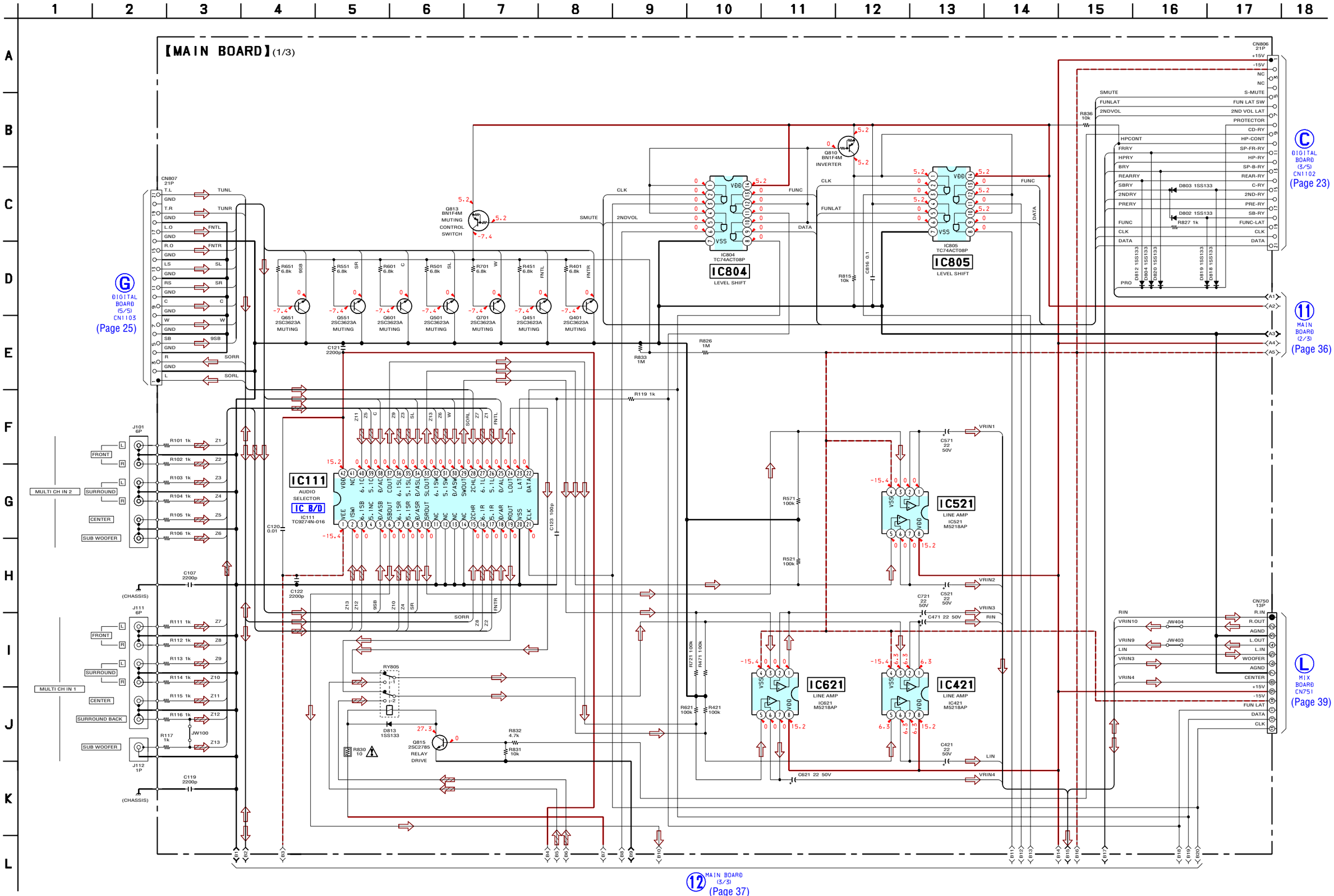
6-21. PRINTED WIRING BOARD – MAIN Board – • See page 20 for Circuit Boards Location.

- **Semiconductor Location**

Ref. No.	Location
D790	G-12
D791	G-12
D796	G-12
D802	E-2
D803	F-2
D804	F-2
D809	B-9
D810	F-9
D811	B-11
D812	G-2
D813	D-4
D814	D-10
D815	E-10
D818	G-2
D819	G-2
D820	G-2
IC111	C-3
IC131	C-5
IC151	C-7
IC171	C-8
IC401	G-6
IC402	G-5
IC403	I-7
IC421	F-5
IC501	G-4
IC502	G-3
IC503	I-3
IC521	F-3
IC601	G-8
IC602	G-7
IC603	I-10
IC621	F-3
IC651	F-8
IC652	F-7
IC801	D-12
IC802	D-11
IC804	G-2
IC805	H-2
Q401	D-2
Q402	J-7
Q403	J-8
Q451	C-2
Q452	J-6
Q453	J-6
Q501	B-2
Q502	J-4
Q503	J-5
Q551	D-2
Q552	J-2
Q553	J-3
Q601	B-1
Q602	J-9
Q603	J-10
Q651	D-2
Q652	J-11
Q653	J-12
Q701	B-2
Q790	G-12
Q791	G-12
Q795	G-12
Q807	B-9
Q808	E-9
Q809	B-11
Q810	H-1
Q813	E-10
Q815	D-4
Q823	D-9
Q824	E-10
Q826	E-9

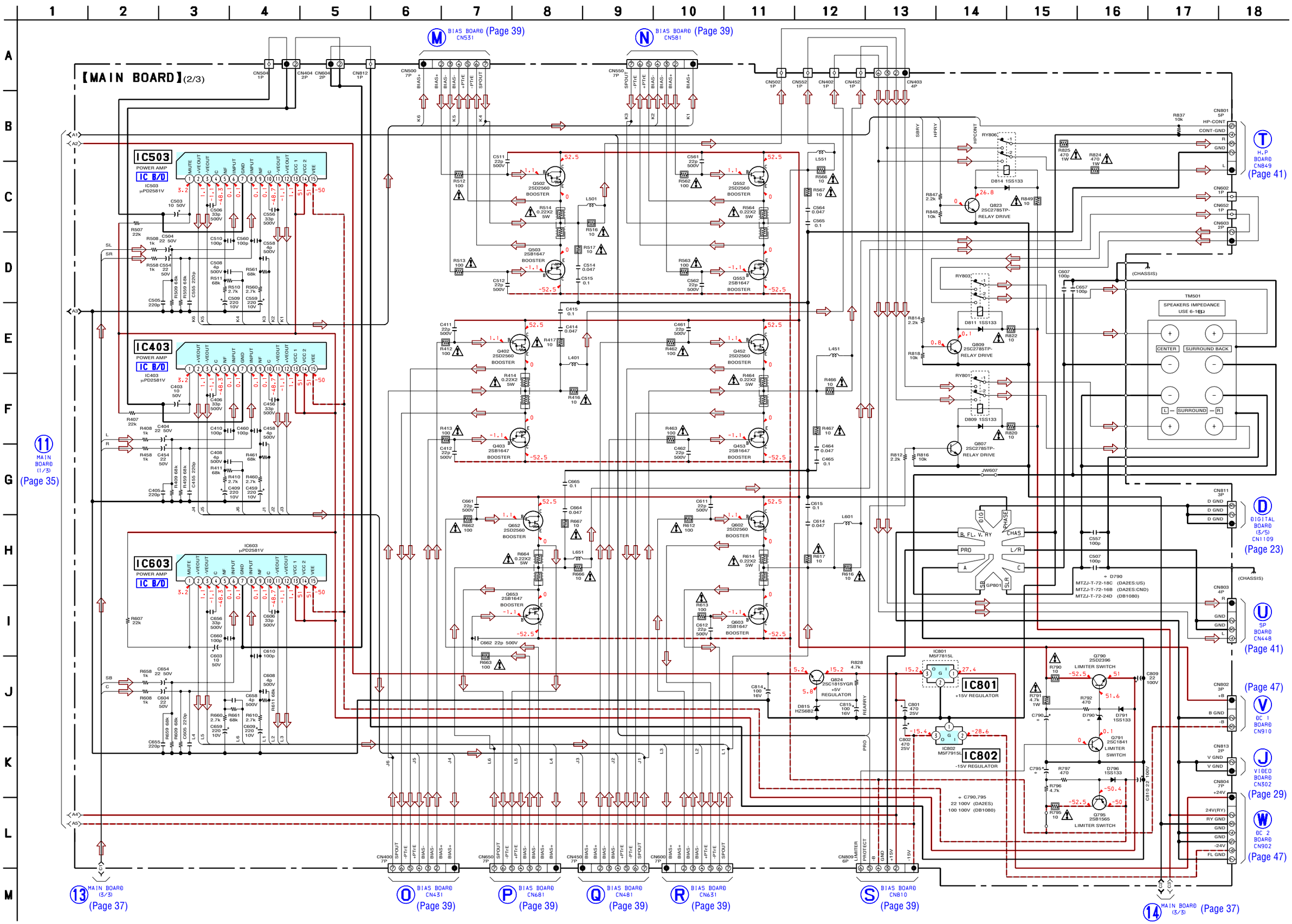


6-22. SCHEMATIC DIAGRAM – MAIN Board (1/3) – • See page 50 for IC Block Diagram.



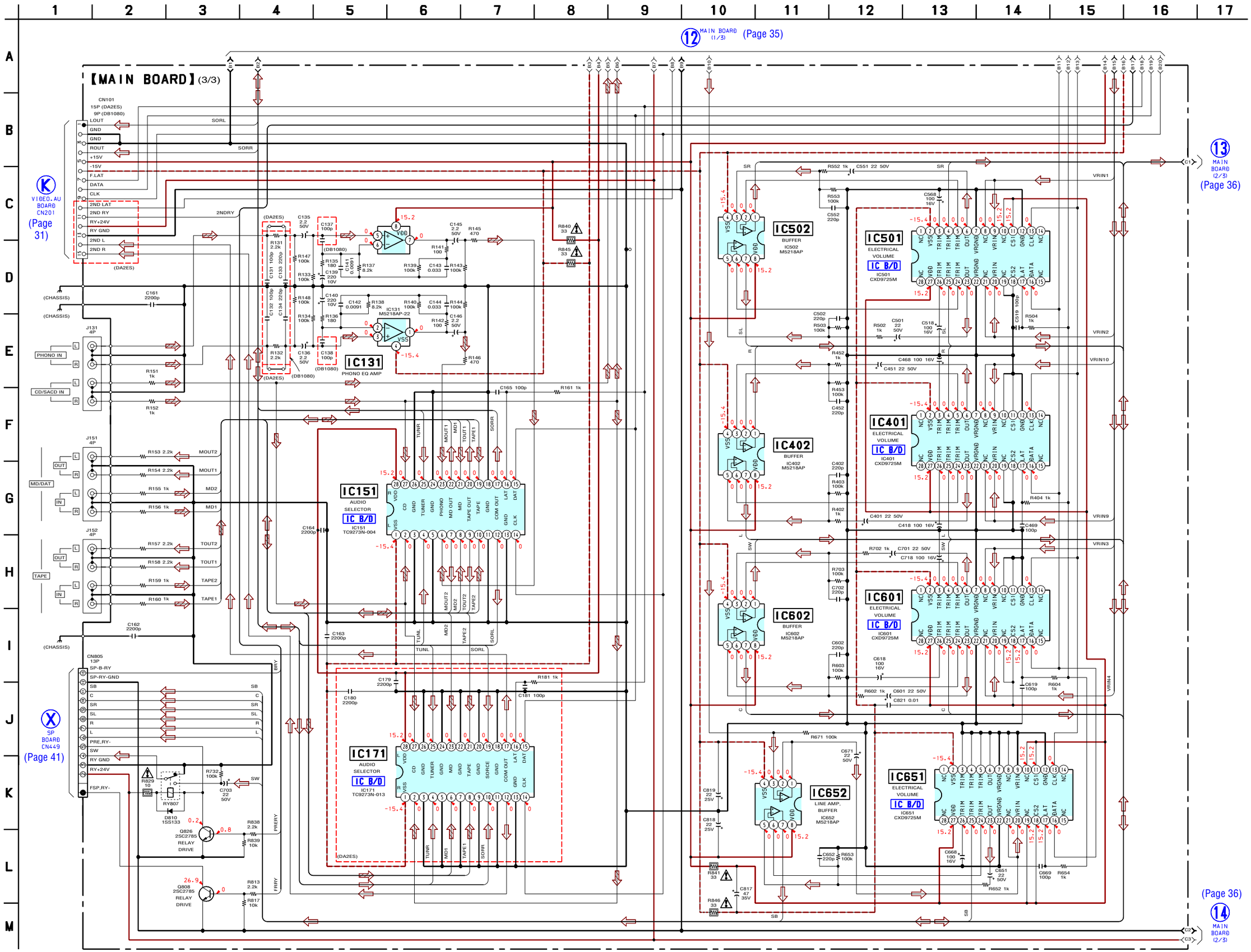
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

6-23. SCHEMATIC DIAGRAM – MAIN Board (2/3) – • See page 50 for IC Block Diagram.



The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

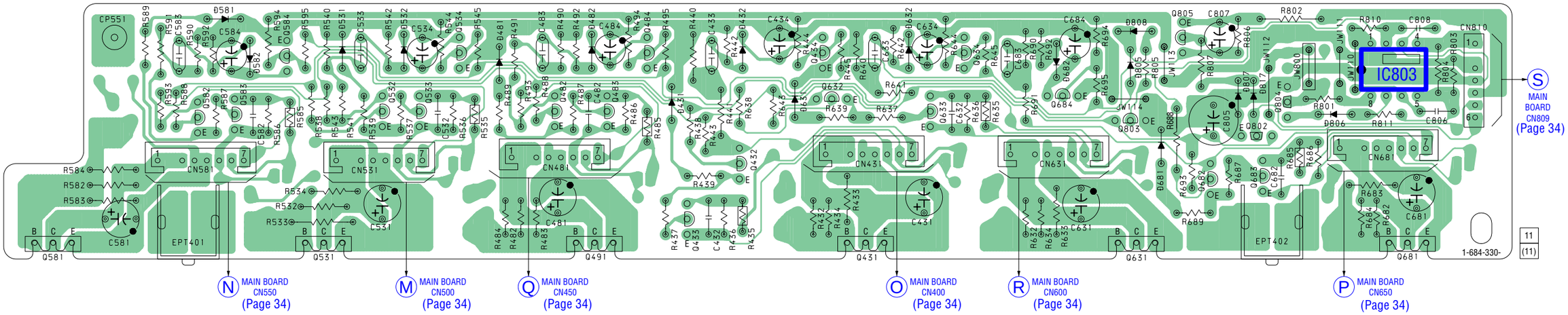
6-24. SCHEMATIC DIAGRAM – MAIN Board (3/3) – • See page 50 for IC Block Diagrams.



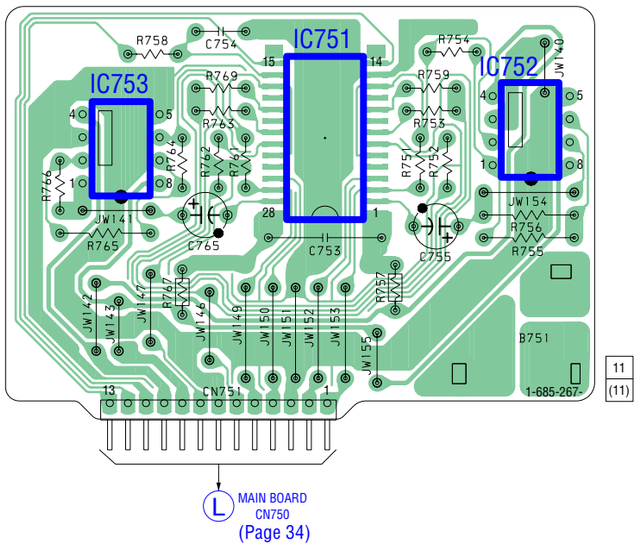
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

6-25. PRINTED WIRING BOARDS – BIAS/MIX Boards – • See page 20 for Circuit Boards Location.

【BIAS BOARD】



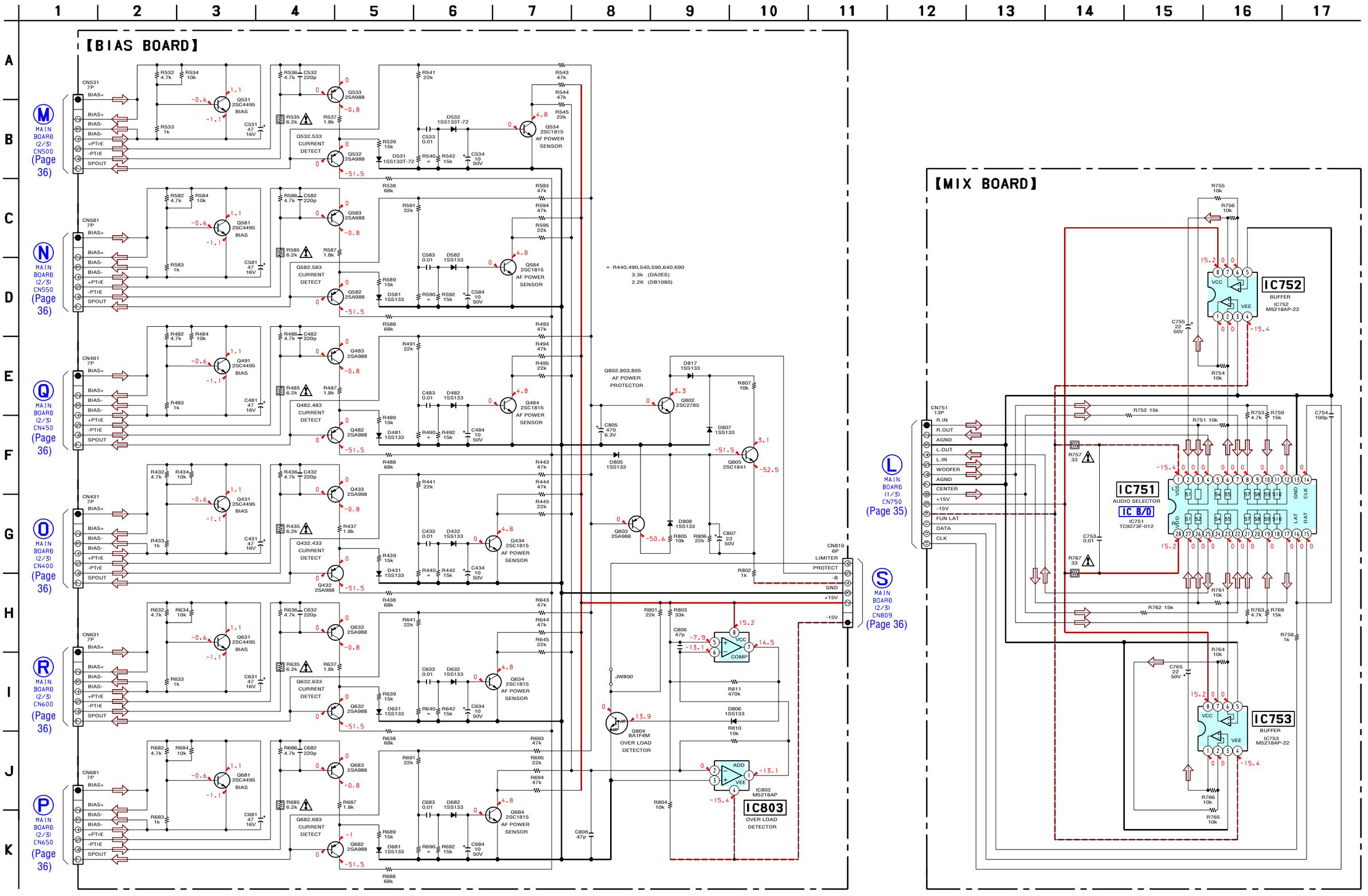
【MIX BOARD】



• **Semiconductor Location**

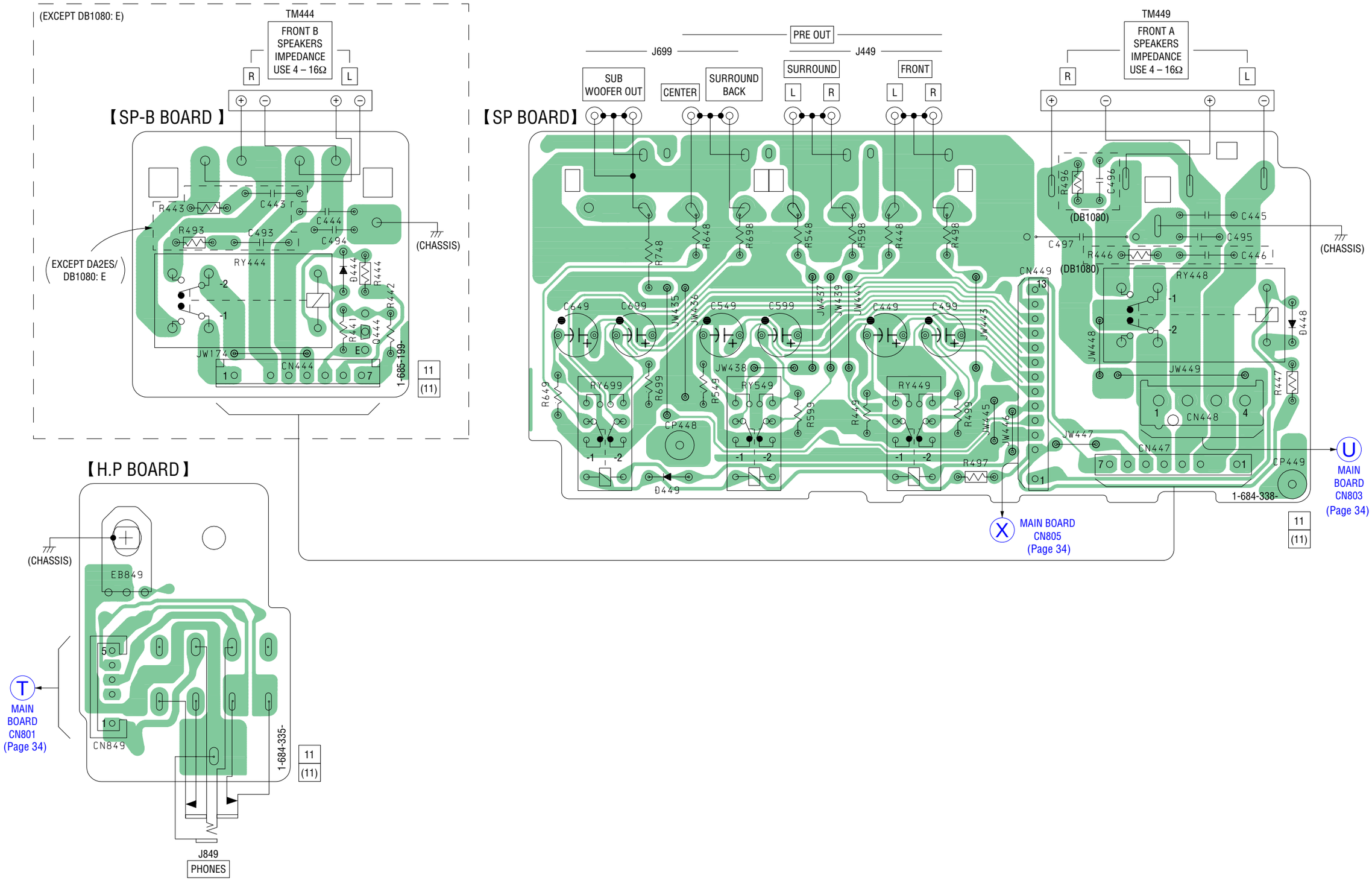
Ref. No.	Location	Ref. No.	Location
D431	A-5	Q434	A-6
D432	A-5	Q491	B-5
D481	A-4	Q482	B-4
D482	A-5	Q483	B-5
D531	A-3	Q484	A-5
D532	A-3	Q531	B-3
D581	A-2	Q532	B-3
D582	A-2	Q533	B-3
D631	A-6	Q534	A-4
D632	A-7	Q581	B-1
D681	B-8	Q582	B-2
D682	A-8	Q583	B-2
D805	A-8	Q584	A-3
D806	B-9	Q631	B-8
D807	A-9	Q632	A-6
D808	A-8	Q633	B-7
D817	A-9	Q634	A-7
		Q681	B-10
IC751	D-2	Q682	B-9
IC752	D-3	Q683	B-9
IC753	D-1	Q684	A-8
IC803	A-10	Q802	B-9
		Q803	B-8
Q431	B-6	Q804	A-9
Q432	B-5	Q805	A-8
Q433	B-5		

6-26. SCHEMATIC DIAGRAM – BIAS/MIX Boards – • See page 50 for IC Block Diagram.

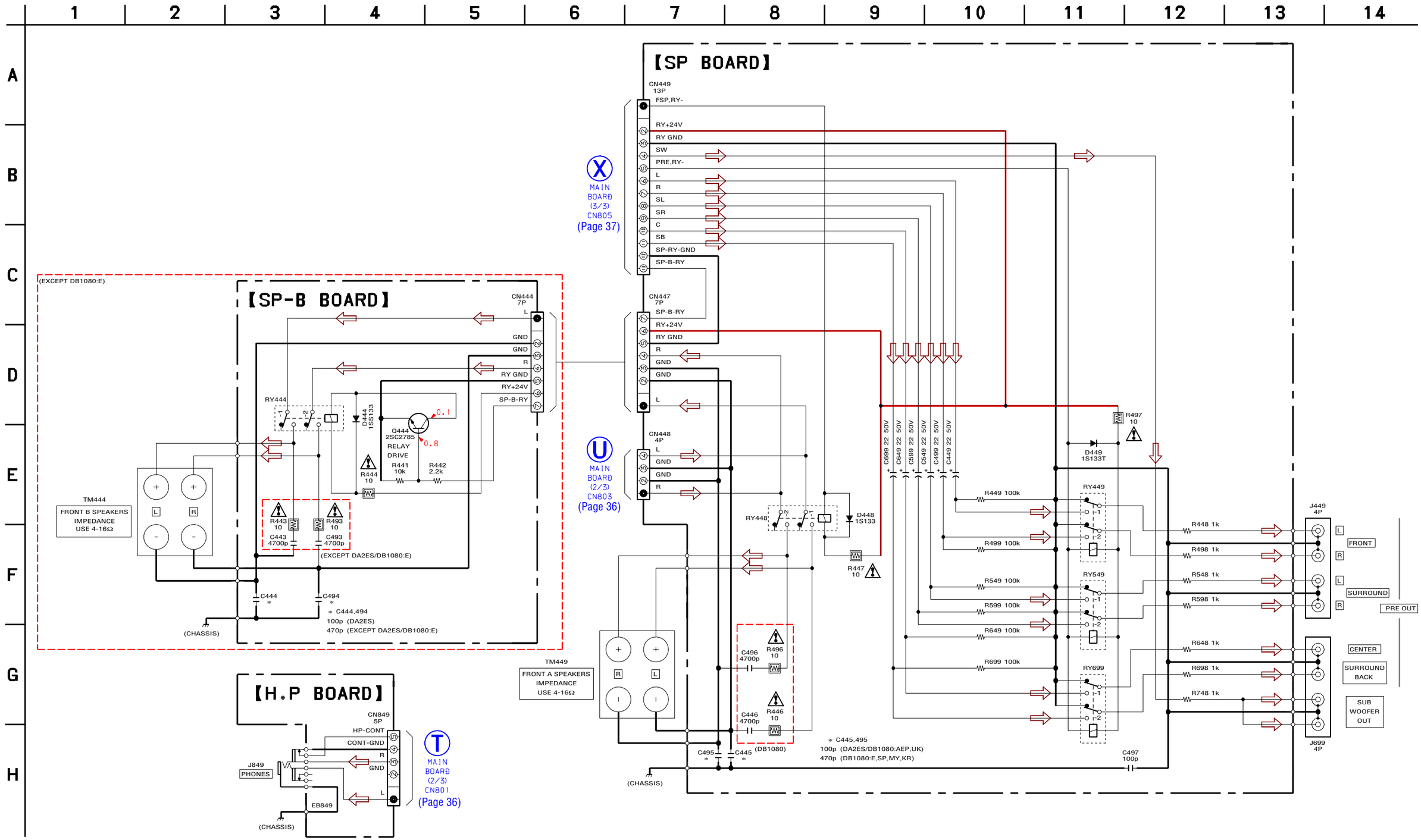


The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

6-27. PRINTED WIRING BOARDS – H.P/SP/SP-B Boards – • See page 20 for Circuit Boards Location.

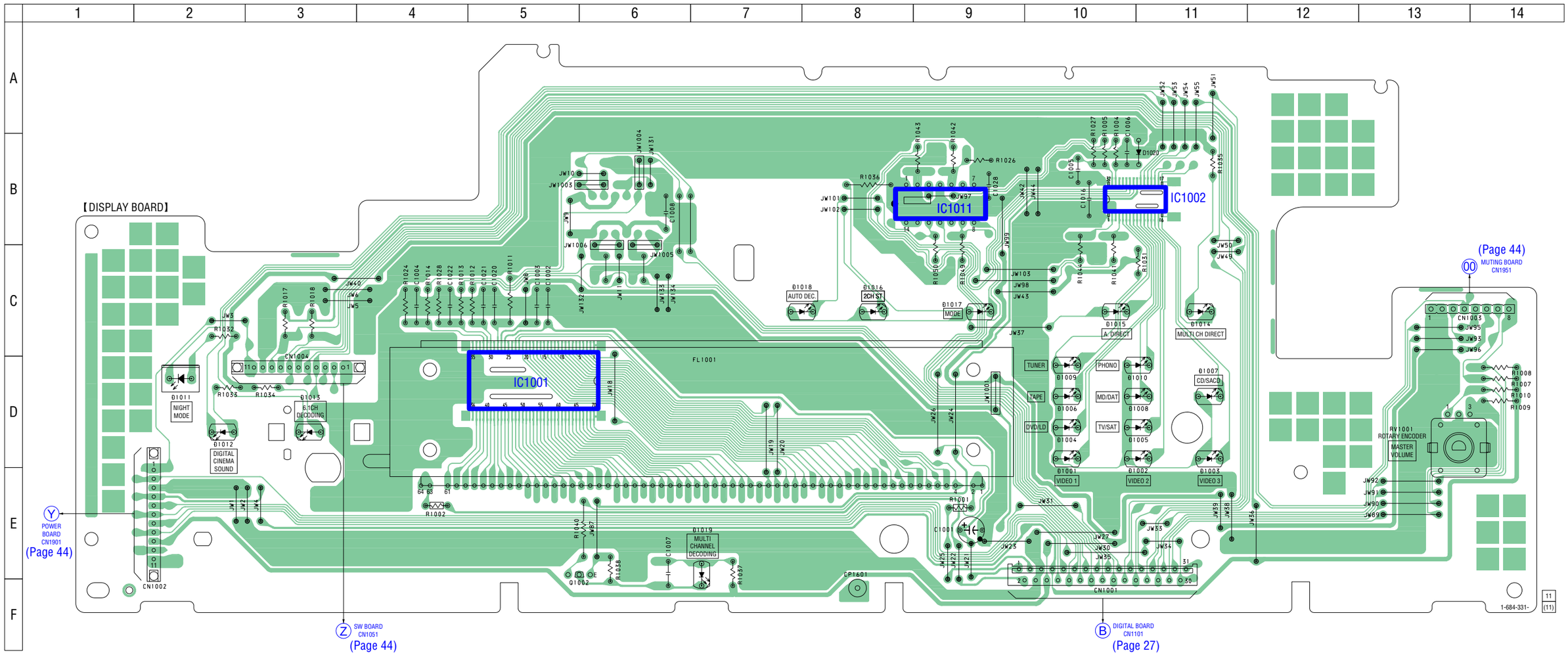


6-28. SCHEMATIC DIAGRAM – H.P/SP/SP-B Boards –



The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

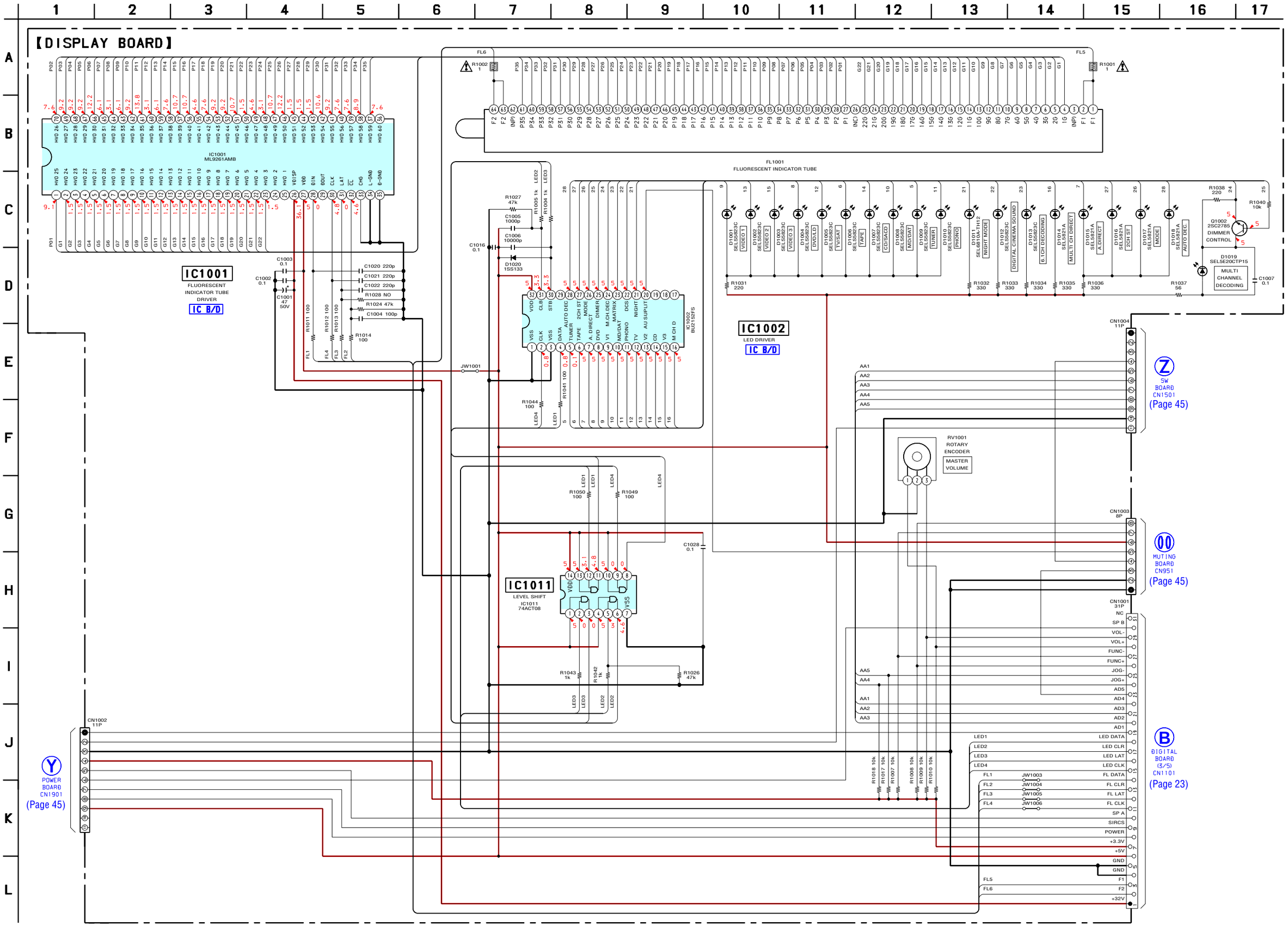
6-29. PRINTED WIRING BOARD – DISPLAY Board – • See page 20 for Circuit Boards Location.



- **Semiconductor Location**

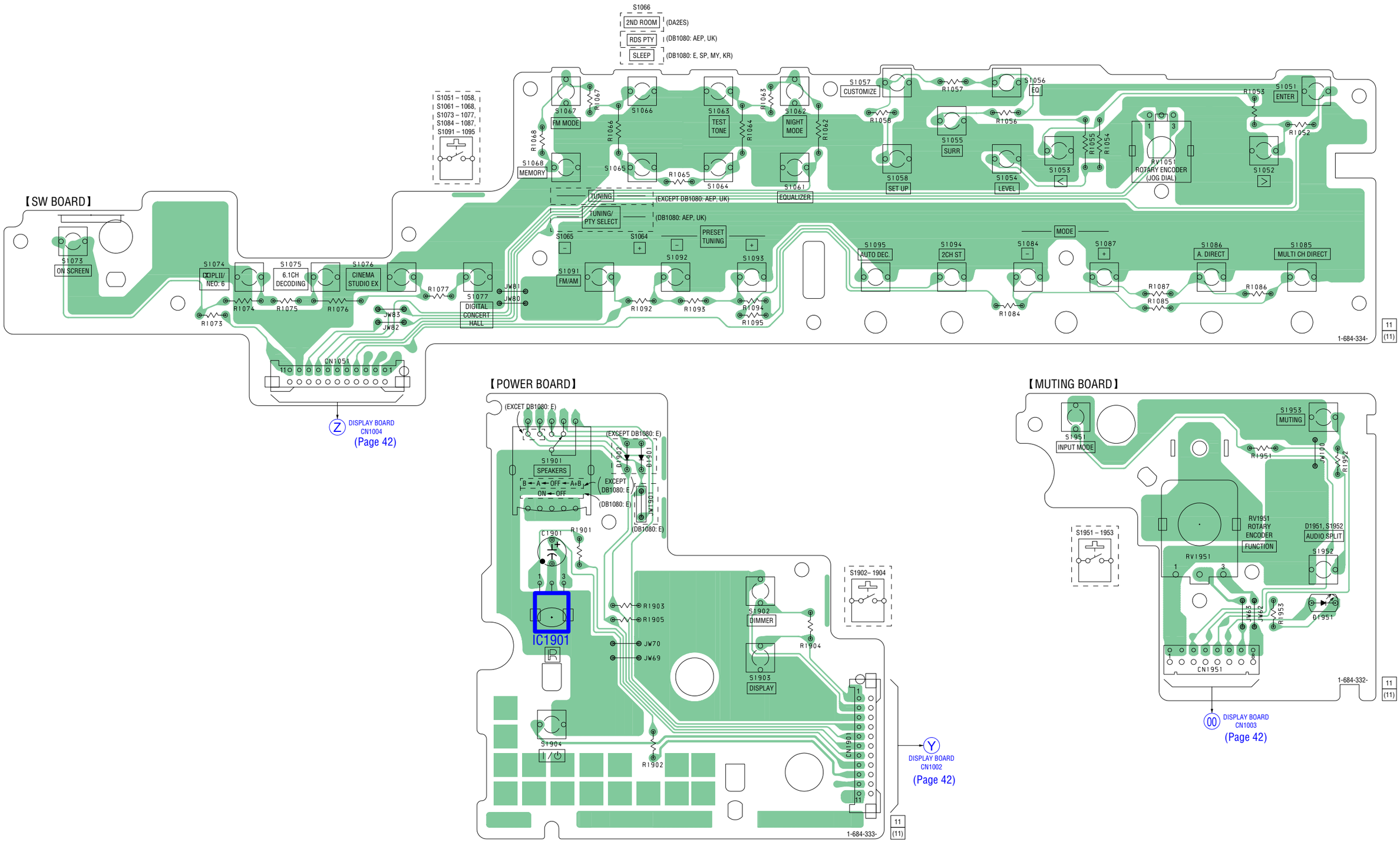
Ref. No.	Location	Ref. No.	Location
D1001	D-10	D1014	D-11
D1002	D-11	D1015	D-10
D1003	D-11	D1016	D-8
D1004	D-10	D1017	D-9
D1005	D-11	D1018	D-8
D1006	D-10	D1019	E-7
D1007	D-11	D1020	B-11
D1008	D-11		
D1009	D-10	IC1001	D-5
D1010	D-11	IC1002	B-11
D1011	D-2	IC1011	B-9
D1012	D-2		
D1013	D-3	Q1002	E-5

6-30. SCHEMATIC DIAGRAM – DISPLAY Board – • See page 50 for IC Block Diagrams.

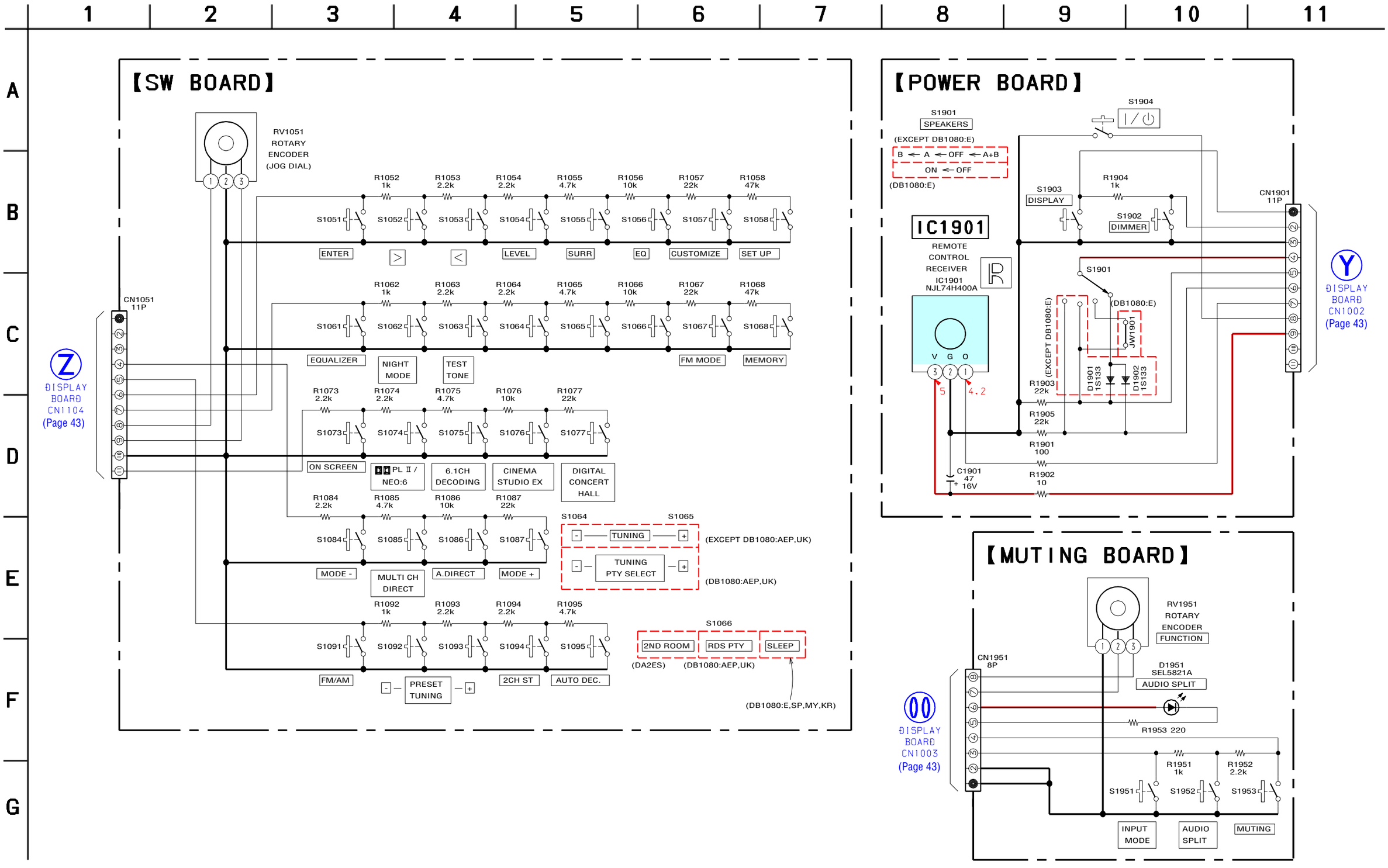


The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

6-31. PRINTED WIRING BOARDS – MUTING/POWER/SW Boards – • See page 20 for Circuit Boards Location.



6-32. SCHEMATIC DIAGRAM – MUTING/POWER/SW Boards –

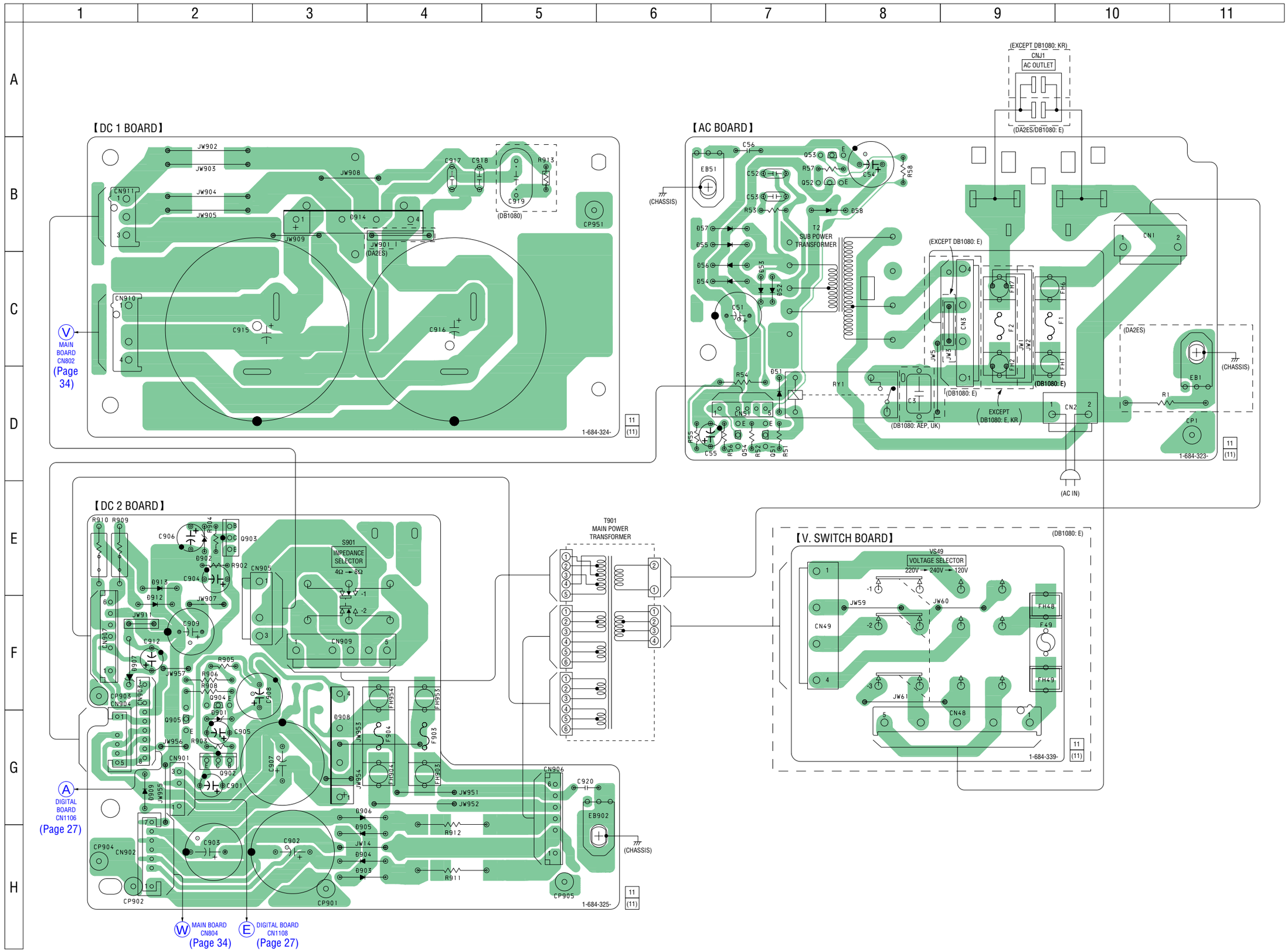


6-33. PRINTED WIRING BOARDS – AC/DC 1/DC 2/V.SWITCH Boards –

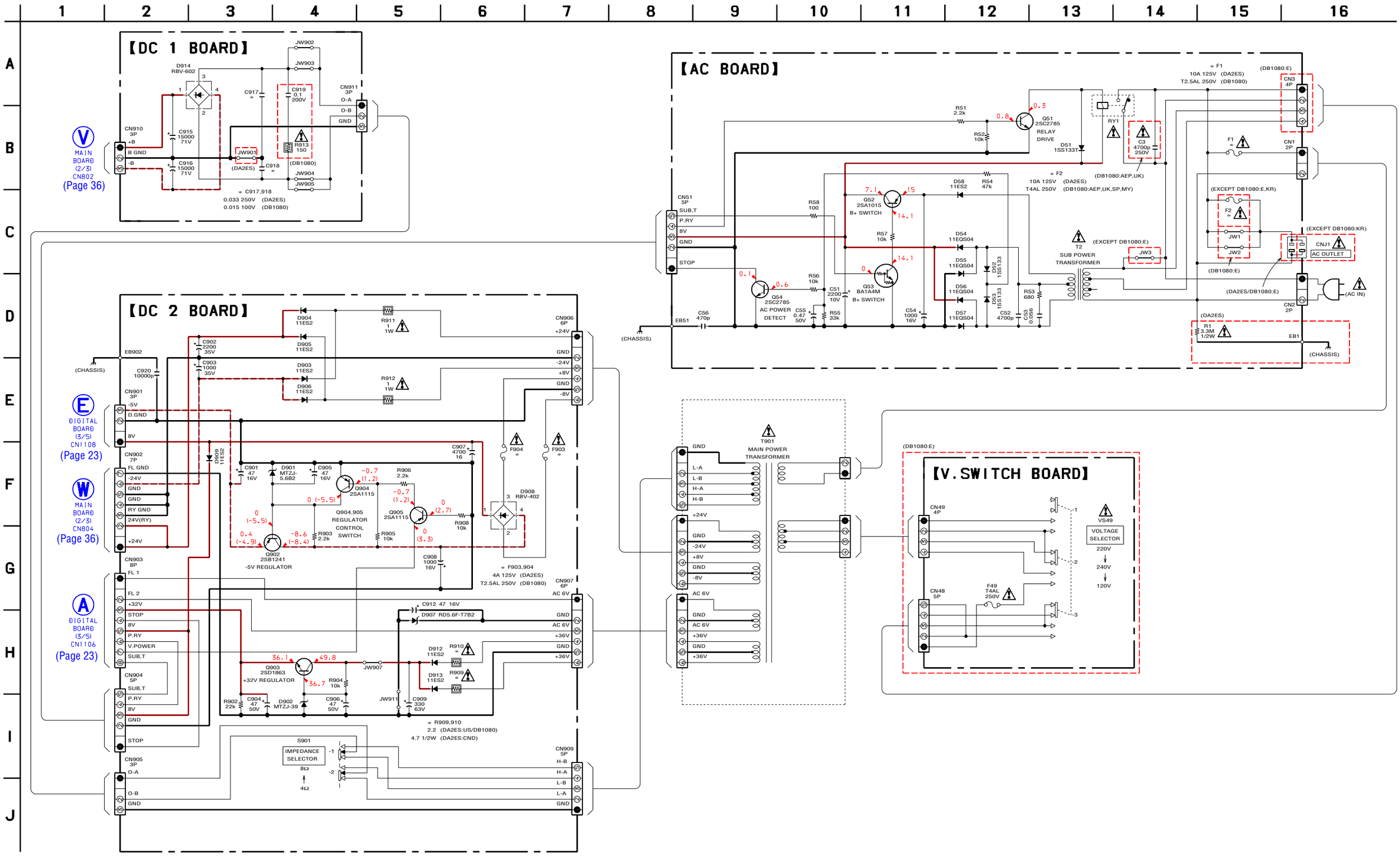
• See page 20 for Circuit Boards Location.

- **Semiconductor Location**

Ref. No.	Location
D51	D-7
D52	C-7
D53	C-7
D54	C-7
D55	B-7
D56	C-7
D57	B-7
D58	B-8
D901	G-2
D902	E-2
D903	H-3
D904	H-3
D905	H-3
D906	G-3
D907	F-1
D908	G-3
D909	G-2
D912	F-2
D913	E-2
D914	B-3
Q51	D-7
Q52	B-8
Q53	B-8
Q54	D-7
Q902	G-2
Q903	E-2
Q904	F-2
Q905	G-2



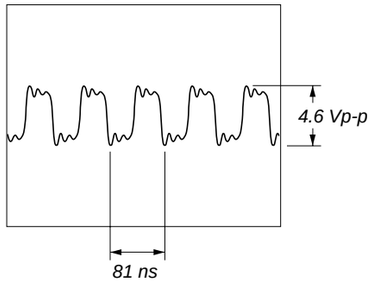
6-34. SCHEMATIC DIAGRAM – AC/DC 1/DC 2/V.SWITCH Boards –



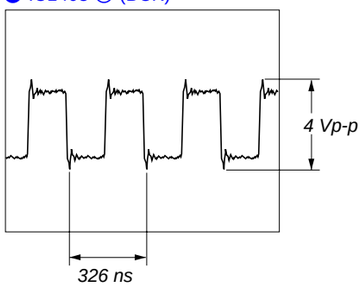
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

• **Waveforms**
– DIGITAL Board –

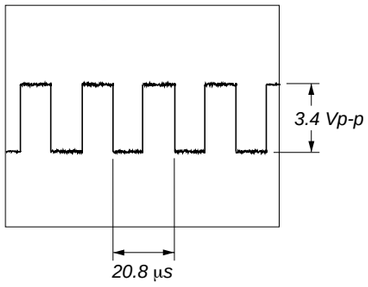
❶ IC1408 ⑬ (CKOUT)



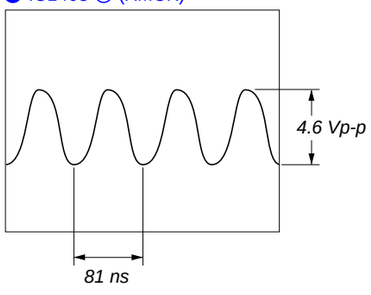
❷ IC1408 ⑭ (BCK)



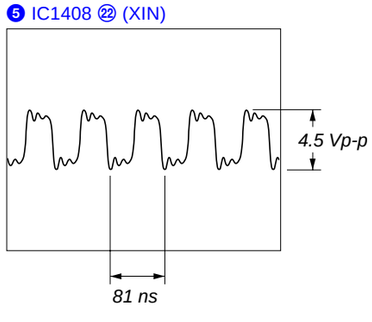
❸ IC1408 ⑮ (LRCK)



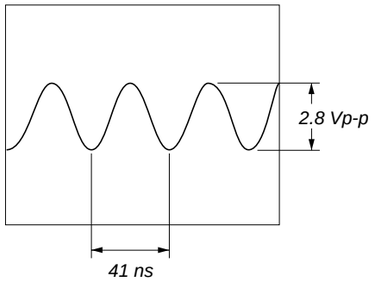
❹ IC1408 ⑳ (XMCK)



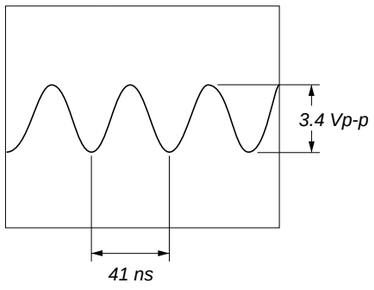
❺ IC1408 ㉒ (XIN)



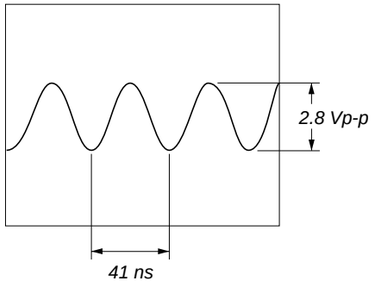
❻ IC1410 ①



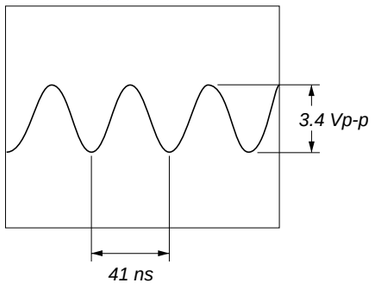
❼ IC1410 ②



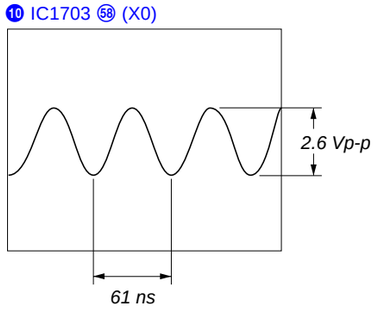
❽ IC1410 ③



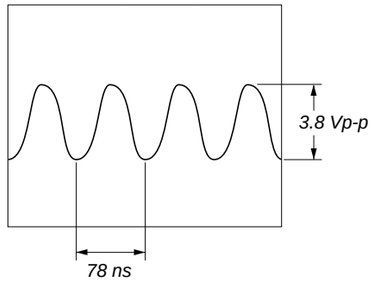
❾ IC1410 ⑤



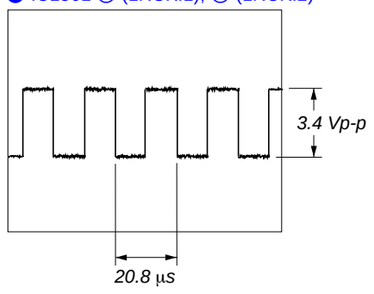
❿ IC1703 ㊽ (X0)



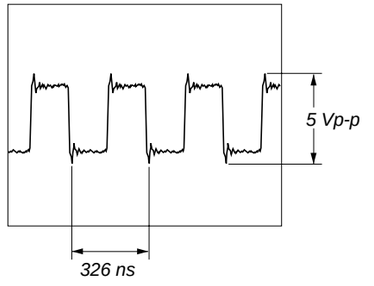
⓫ IC1501 ⑫ (MCLK2)



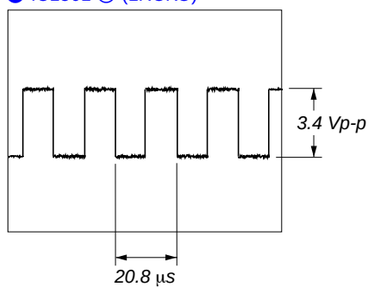
⓬ IC1501 ⑮ (LRCKI1), ㉘ (LRCKI2)



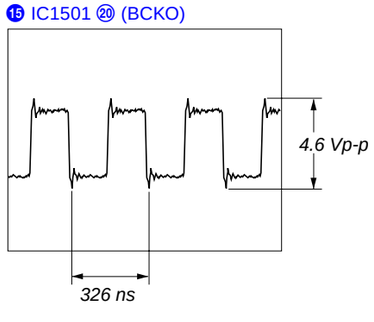
⓭ IC1501 ⑰ (BCKI1), ㉙ (BCKI2)



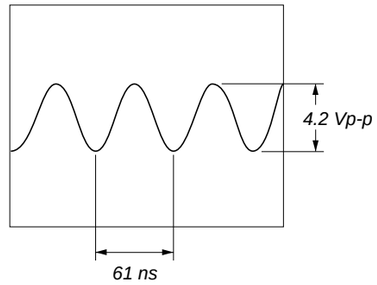
⓮ IC1501 ⑲ (LRCKO)



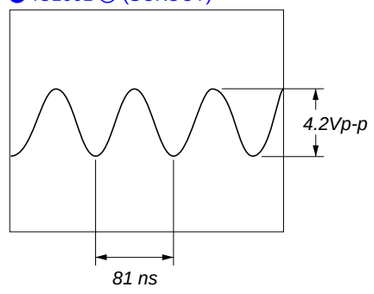
⓯ IC1501 ⑳ (BCKO)



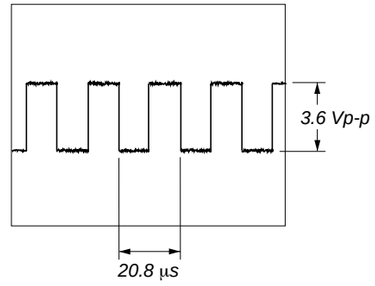
⓰ IC1501 ㉒ (KFSIO)



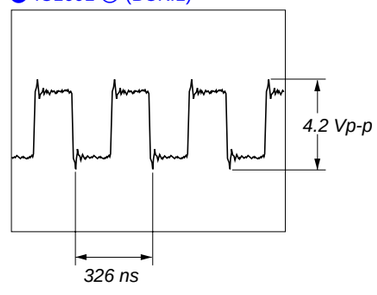
⓱ IC1601 ⑩ (SCKOUT)



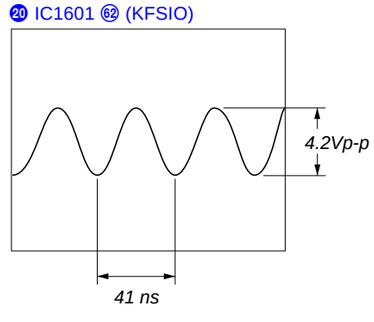
⓲ IC1601 ㉙ (LRCKI1)



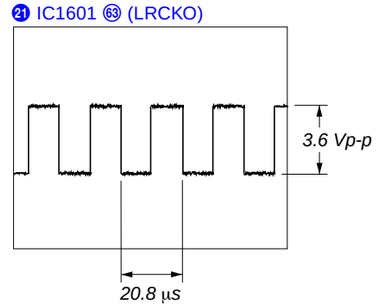
⓳ IC1601 ㊳ (BCKI1)



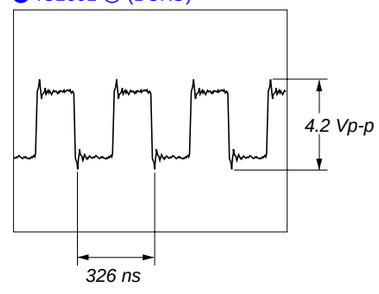
⓴ IC1601 ㉒ (KFSIO)



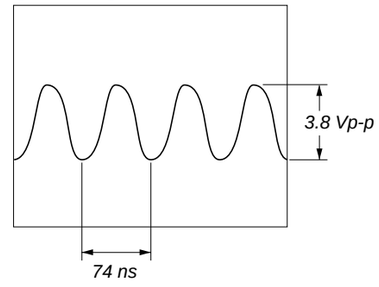
㉑ IC1601 ㊸ (LRCKO)



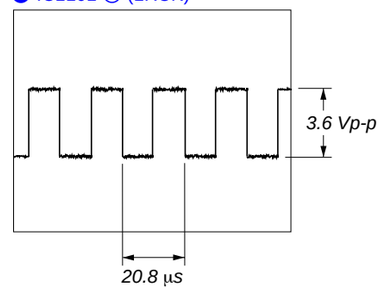
㉒ IC1601 ㊹ (BCKO)



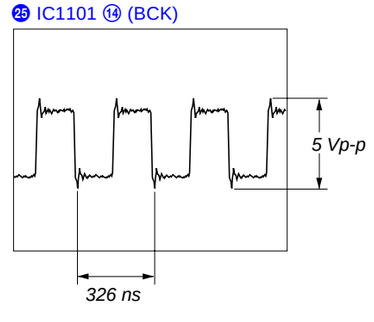
㉓ IC1601 ⑱ (MCLK2)



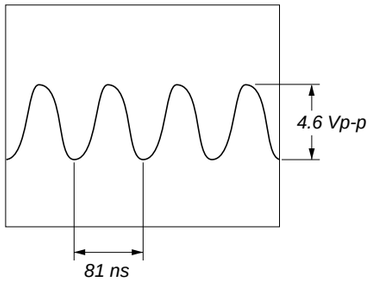
㉔ IC1101 ⑬ (LRCK)



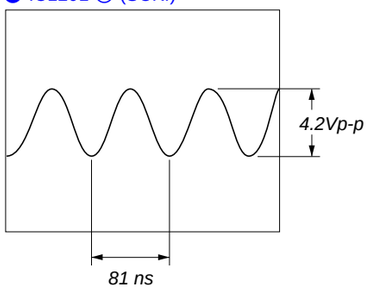
㉕ IC1101 ⑭ (BCK)



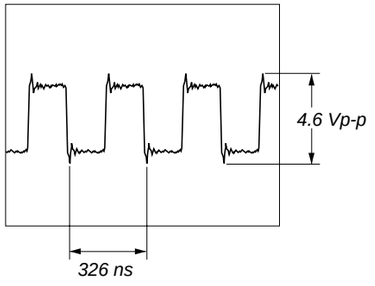
㉖ IC1101 ⑯ (SYSCLK)



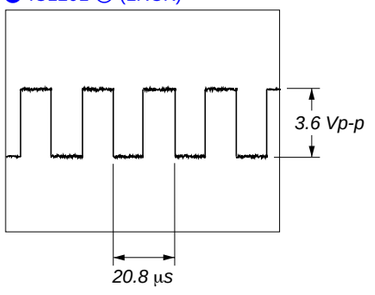
㉗ IC1201 ㊳ (SCKI)



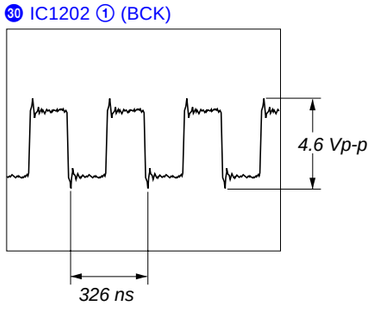
㉘ IC1201 ㊵ (BCK)



㉙ IC1201 ㊶ (LRCK)



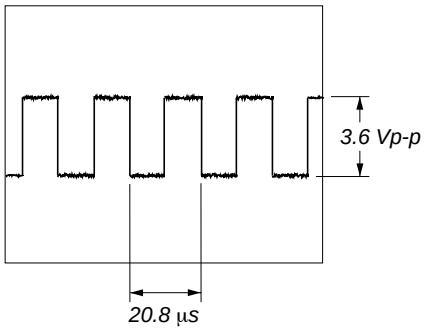
㉚ IC1202 ① (BCK)



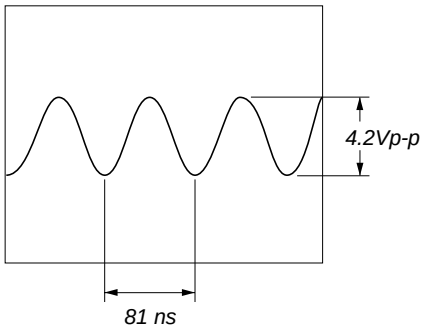
– VIDEO Board –

– UP CONVERT Board –

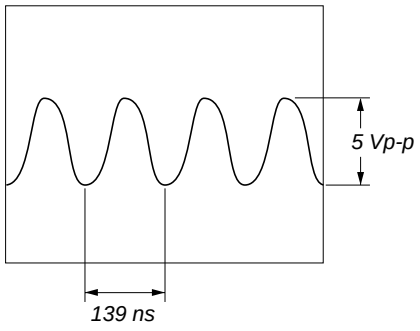
31 IC1202 ③ (LRCK)



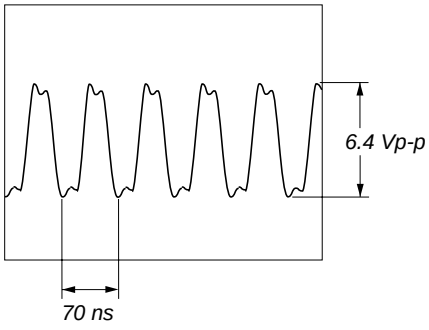
32 IC1202 ⑯ (SCK)



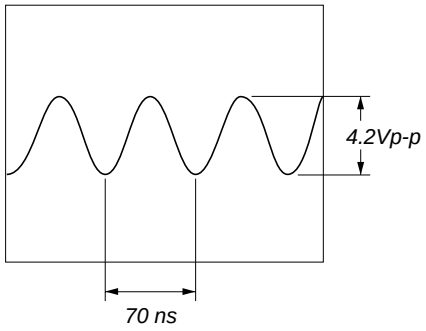
41 IC307 ⑯ (XD) (VIDEO 1 mode)



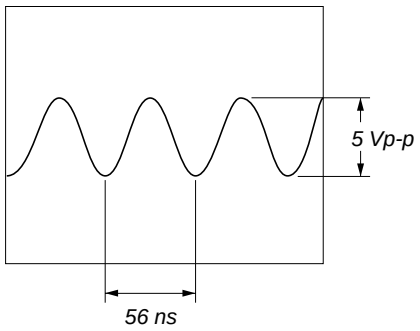
42 IC304 ⑧ (VIDEO 1 mode)



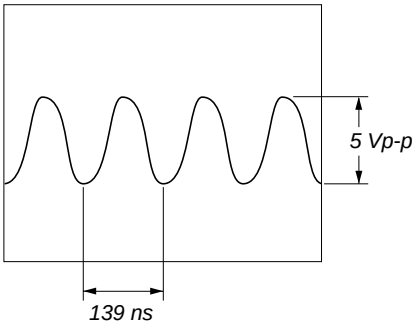
43 IC308 ⑪ (VIDEO 1 mode)



44 IC308 ⑬ (VIDEO 1 mode)
(STR-DB1080: AEP and UK models)

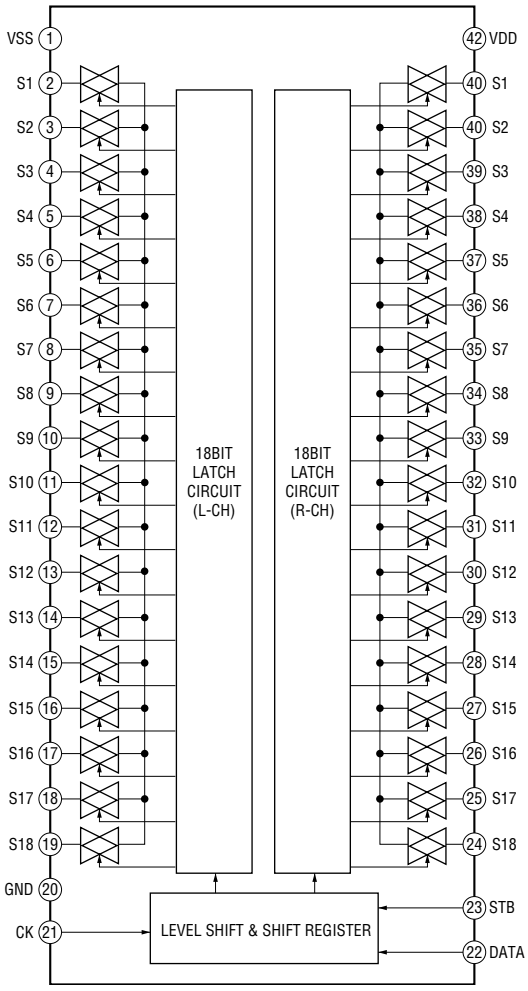


51 IC3101 ④ (XTAL) (VIDEO 1 mode)
(STR-DA2ES)

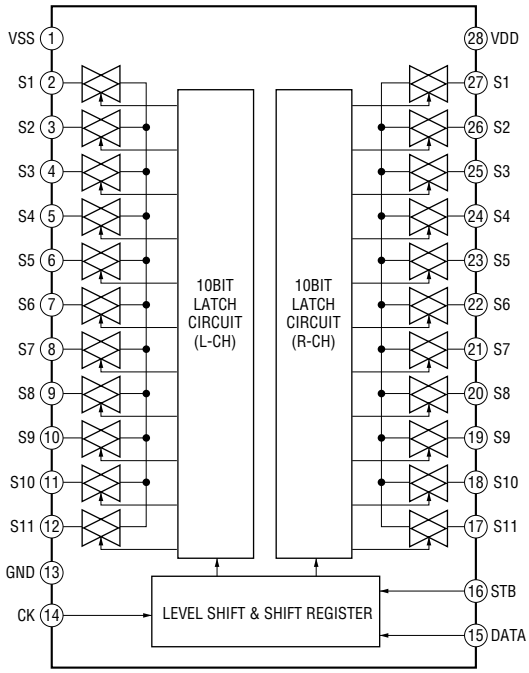


- **IC Block Diagrams**

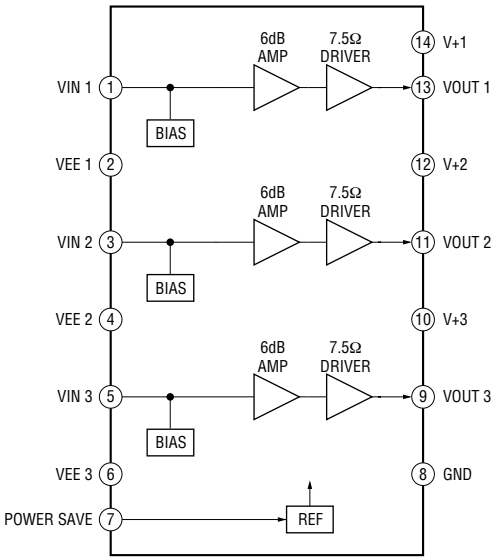
IC111 TC9274N-016 (MAIN board)



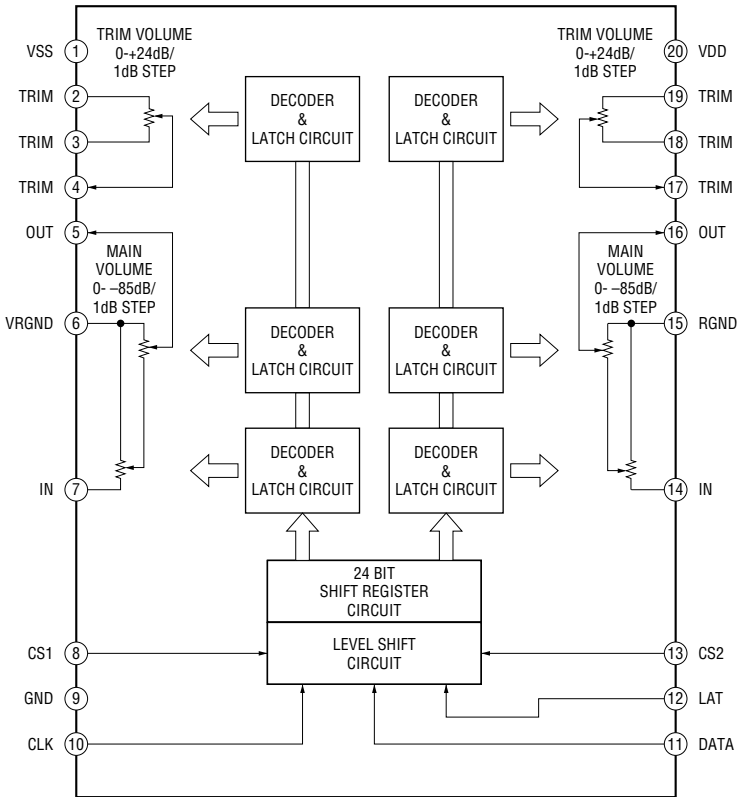
IC151 TC9273N-004 (MAIN Board)
IC171 TC9273N-013 (MAIN Board (STR-DA2ES))
IC201 TC9273N-014 (VIDEO.AU Board)
IC751 TC9273F-012 (EL) (MIX Board)



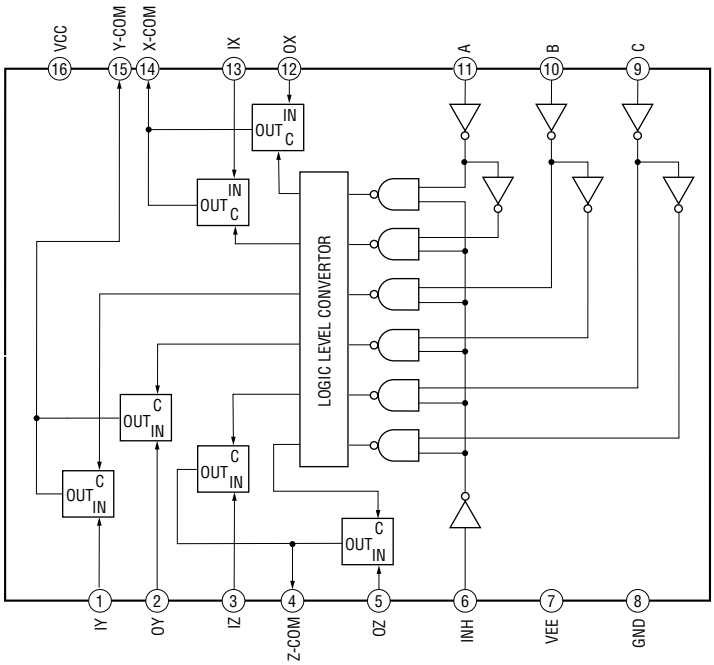
IC301 NJM2581D (VIDEO Board (EXCEPT STR-DB1080: AEP and UK models))



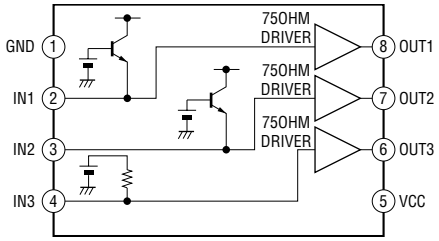
IC173 TC94A07P (VIDEO.AU Board (STR-DA2ES))



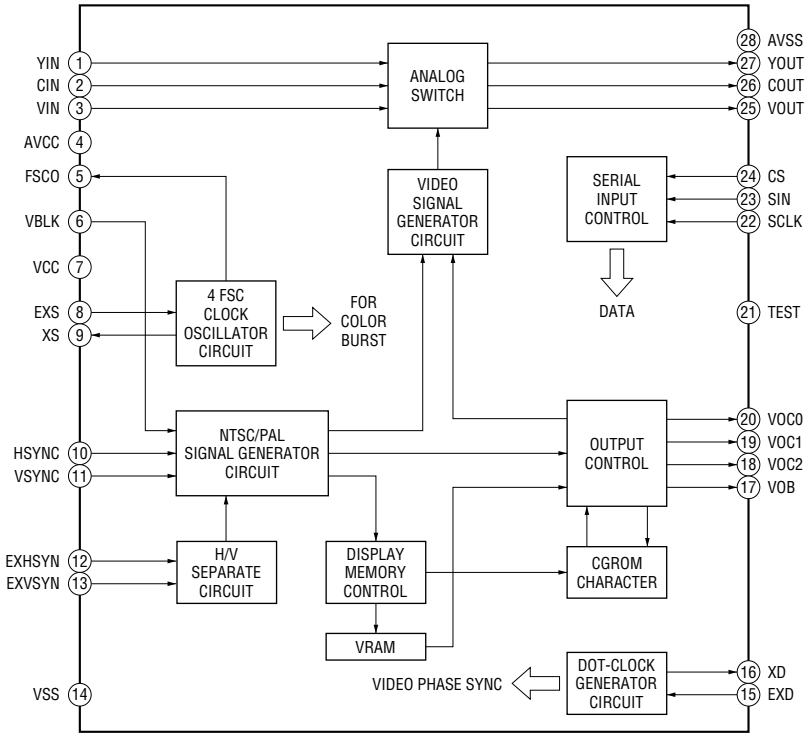
IC303 TC74HC4053AP (VIDEO Board (EXCEPT STR-DB1080: AEP and UK models))



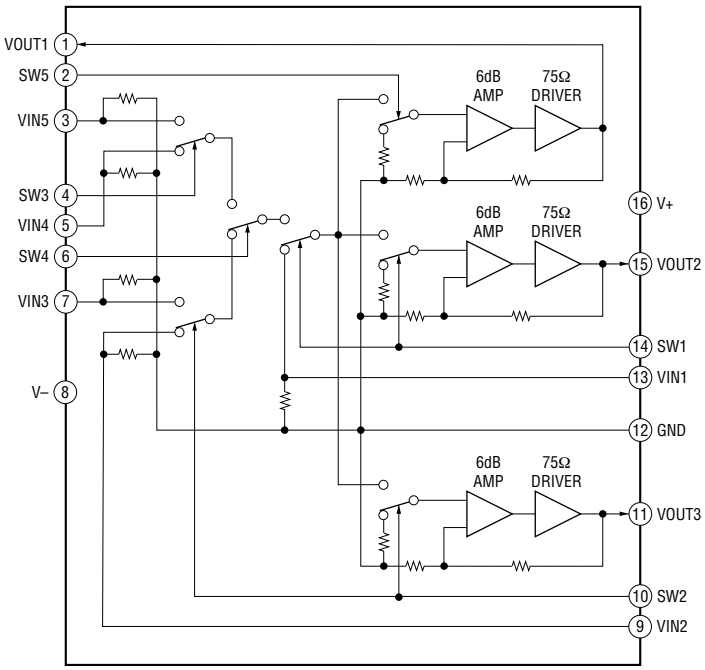
IC305 BA7622 (VIDEO Board)



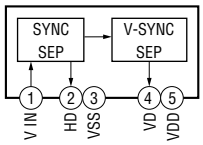
IC307 MB90089F-G-238-BND (VIDEO Board (STR-DB1080))



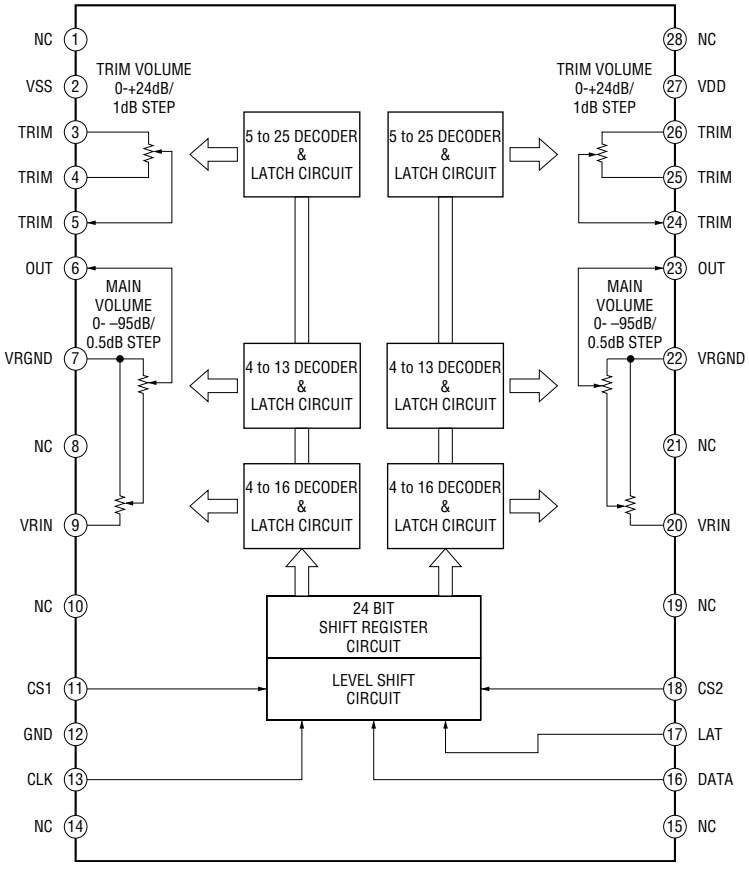
IC308 NJM2595D (VIDEO Board)
IC850, 852 NJM2595D (S-VDIEO Board)



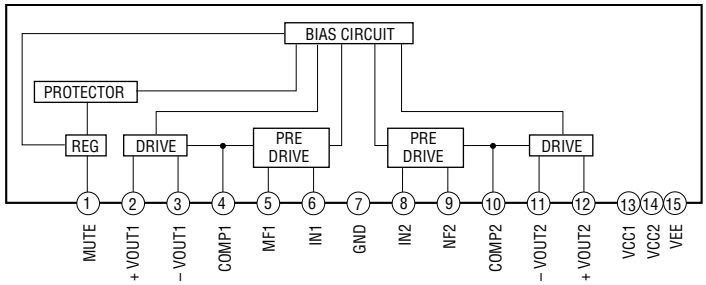
IC309, 311 LA7213 (VIDEO Board (EXCEPT STR-DA2ES/DB1080: Korean models))



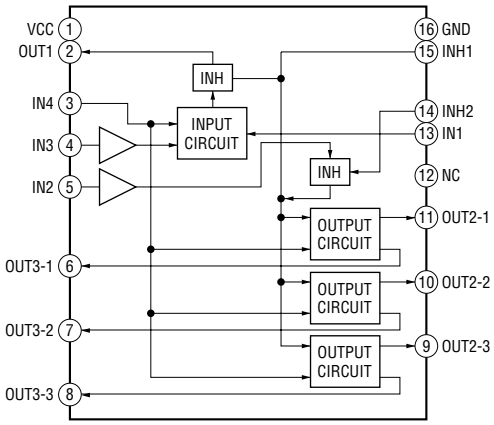
IC401, 501, 601, 651 CXD9275M (MAIN Board)



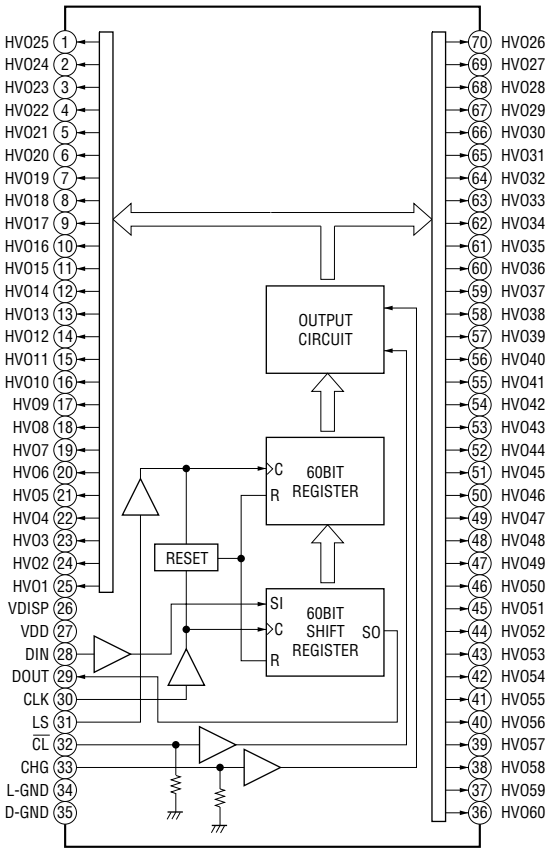
IC403, 503, 603 μPC2581V-S (MAIN Board)



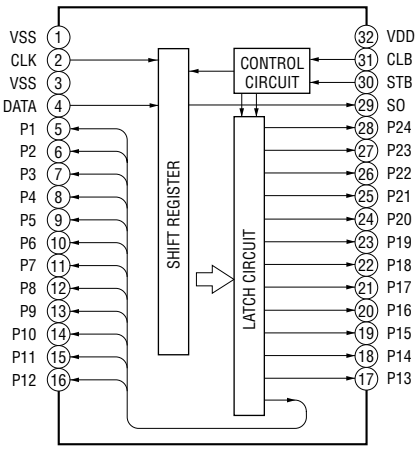
IC851 NJM2145D (S-VIDEO Board (STR-DA2ES))



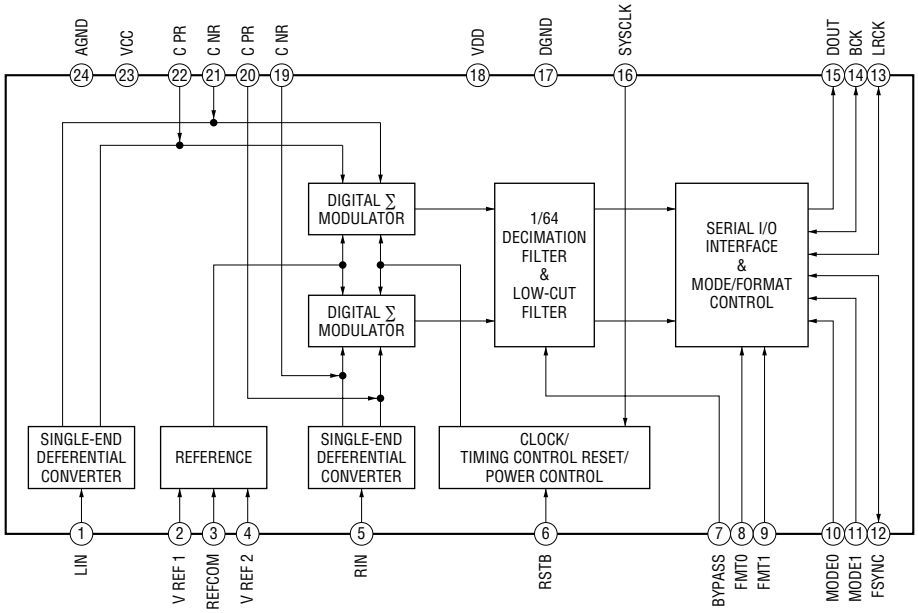
IC1001 ML9261AMB (DISPLAY Board)



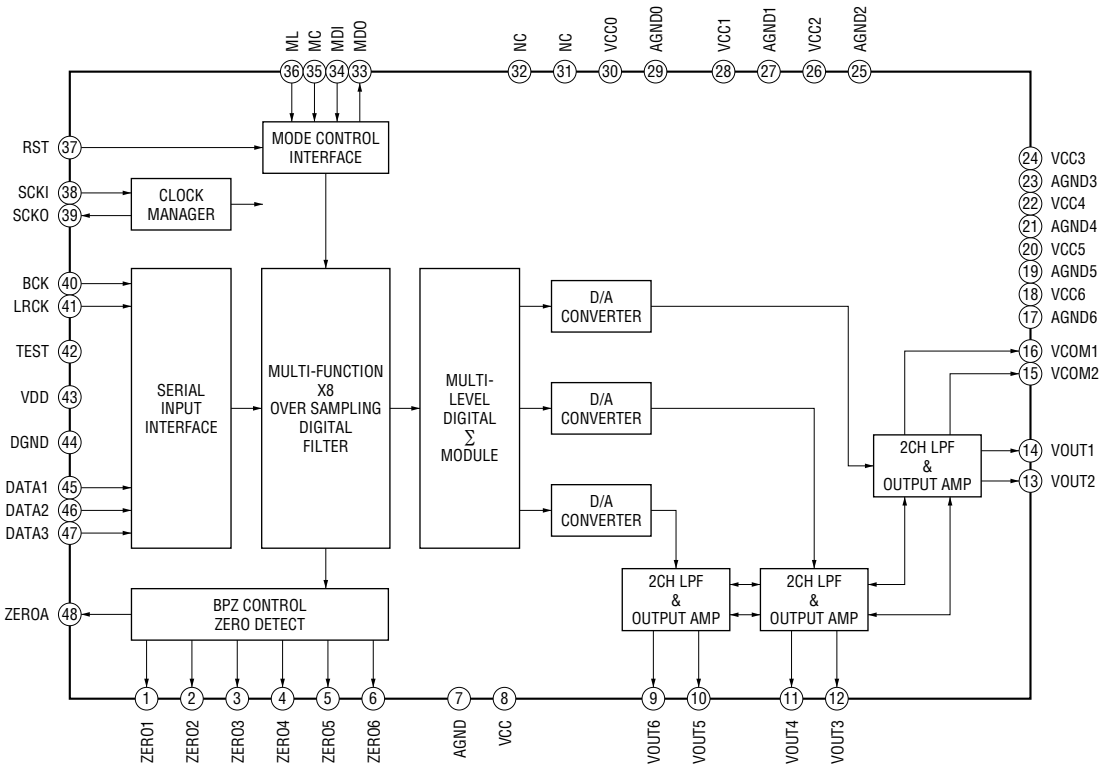
IC1002 BU2152FS (DISPLAY Board)



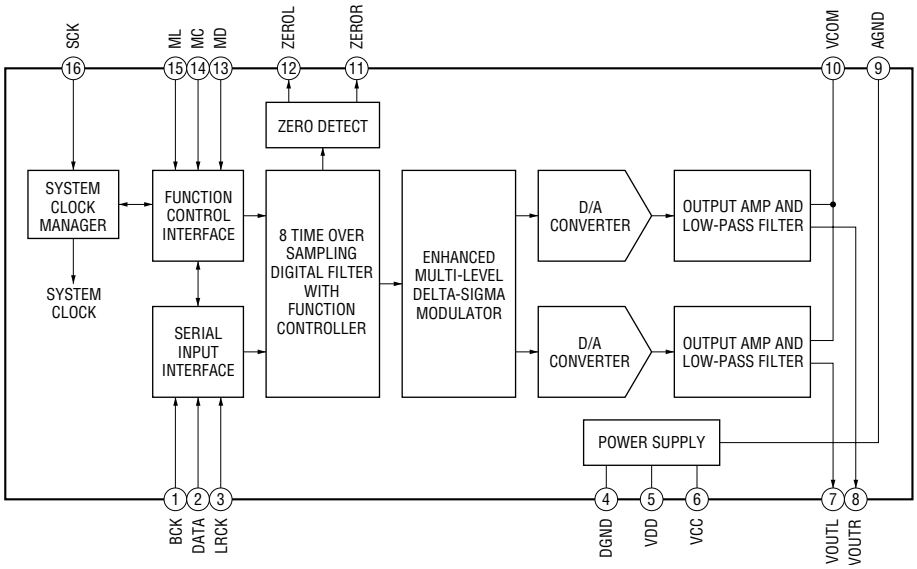
IC1101 PCM1800E/2K (DIGITAL Board)



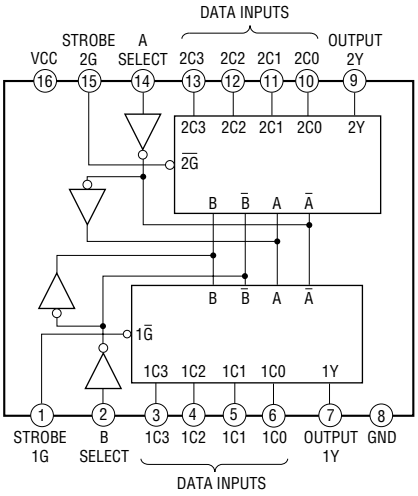
IC1201 PCM1604Y/2K (DIGITAL Board)



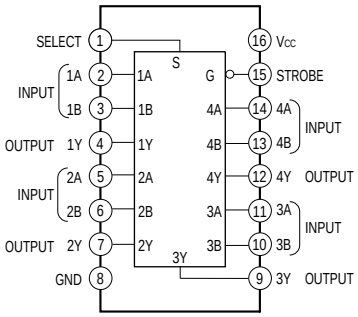
IC1202 PCM1748E/2K (DIGITAL Board)



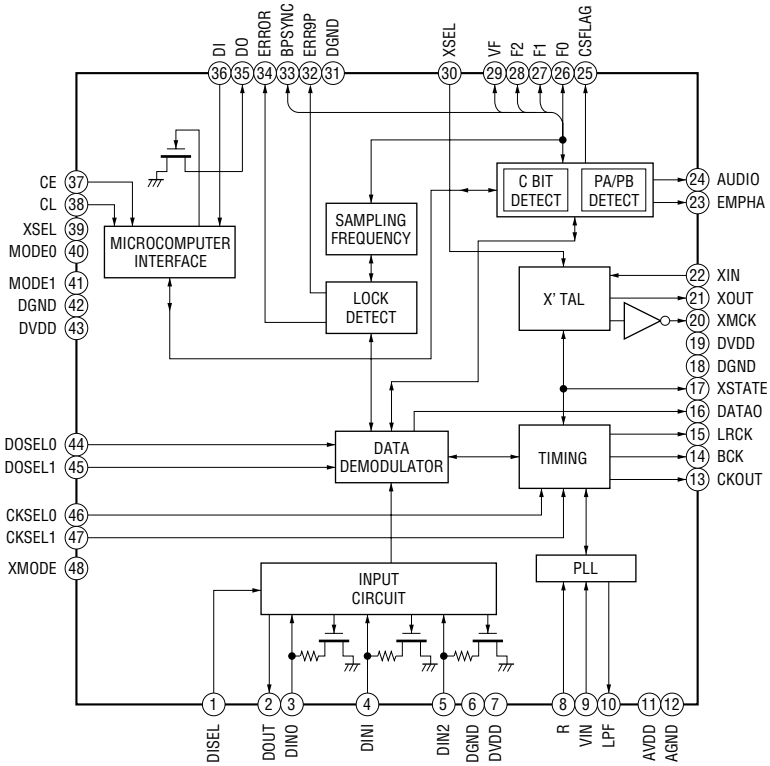
IC1406 SN74HC153ANS (DIGITAL Board)



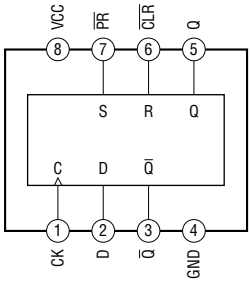
IC1407, 1503 TC7WH157FU (TE12R) (DIGITAL Board)



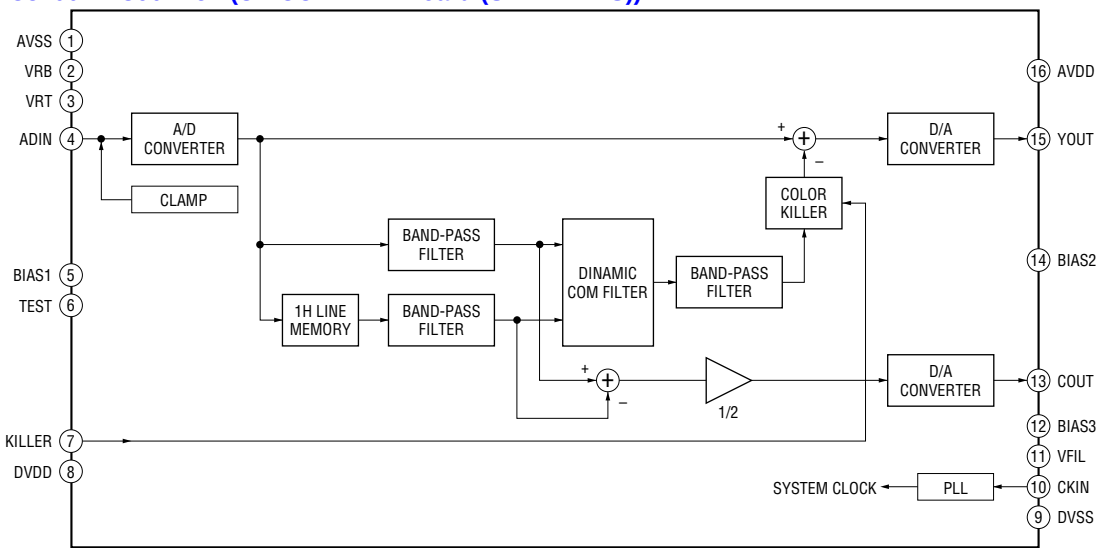
IC1408 LC89056W-E (DIGITAL Board)



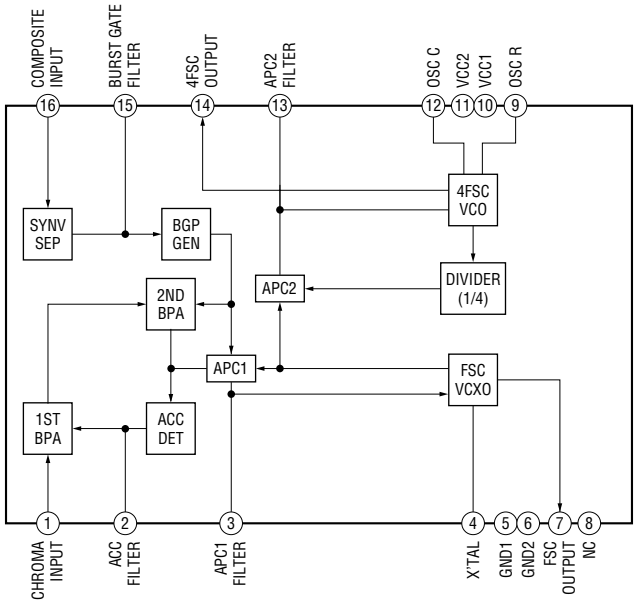
IC1409 TC7WH74FU (TE12R) (DIGITAL Board)



IC3100 TC90A45F (UP CONVERT Board (STR-DA2ES))



IC3101 MM1093F (UP CONVERT Board (STR-DA2ES))



6-35. IC PIN FUNCTION DESCRIPTION

• DIGITAL BOARD IC1408 LC89056W-E (DIGITAL AUDIO INTERFACE RECEIVER)

Pin No.	Pin Name	I/O	Description
1	DISEL	I	Selection signal input terminal of data input terminal Fixed at “L” in this set
2	DOUT	O	Digital data output to the external output terminal
3	DIN0	I	Digital data input from the external input terminal
4	DIN1	I	Digital data input terminal Not used
5	DIN2	I	Digital data input from the external input terminal
6	DGND	—	Ground terminal (for digital)
7	DVDD	—	Power supply terminal (+3.3V) (for digital)
8	R	I	Input terminal for VCO gain control
9	VIN	I	Input terminal for VCO free-run frequency setting
10	LPF	O	PLL loop filter setting terminal
11	AVDD	—	Power supply terminal (+3.3V) (for analog)
12	AGND	—	Ground terminal (for analog)
13	CKOUT	O	Audio clock signal output to the audio digital signal processor 1/2
14	BCK	O	Bit clock signal (2.8224 MHz) output to the A/D converter and audio digital signal processor 1
15	LRCK	O	L/R sampling clock signal (44.1 kHz) output to the A/D converter and audio digital signal processor 1
16	DATAO	O	Audio serial data output to the audio digital signal processor 1 and system controller
17	XSTATE	O	Source clock selection monitor output to the system controller
18	DGND	—	Ground terminal (for digital)
19	DVDD	—	Power supply terminal (+3.3V) (for digital)
20	XMCK	O	System clock signal (24.576 MHz) output to the A/D converter
21	XOUT	O	System clock output terminal Not used
22	XIN	I	System clock signal (24.576 MHz) input
23	EMPHA	O	Channel status emphasis information output terminal Not used
24	AUDIO	O	Channel status bit 1 output to the audio digital signal processor 1
25	CSFLAG	O	Channel status head 40 bit renewal flag output terminal Not used
26 to 29	F0/P0/C0 to F3/P3/C3	O	Output terminal of input frequency calculation result Not used
30	DVDD	—	Power supply terminal (+3.3V) (for digital)
31	DGND	—	Ground terminal (for digital)
32	AUTO	O	Not used
33	BPSYNC	O	Non-PCM burst preamble sync signal output terminal Not used
34	ERROR	O	PLL lock error signal and data error flag output to the audio digital signal processor 1 and system controller
35	DO	O	Read data output to the system controller
36	DI	I	Write data input from the system controller
37	CE	I	Chip enable signal input from the system controller
38	CLK	I	Clock signal input from the system controller
39	XSEL	I	Selection signal input terminal of crystal oscillator frequency Fixed at “H” in this set
40, 41	MODE0, MODE1	I	Mode setting terminal
42	DGND	—	Ground terminal (for digital)
43	DVDD	—	Power supply terminal (+3.3V) (for digital)
44, 45	DOSEL0, DOSEL1	I	Output data format selection signal input terminal Fixed at “L” in this set
46	CKSEL0	I	Output clock selection signal input terminal Fixed at “L” in this set
47	CKSEL1	I	Output clock selection signal input from the system controller
48	XMODE	I	System reset signal input from the system controller “L”: reset

• DIGITAL BOARD IC1501 CXD9718Q (AUDIO DIGITAL SIGNAL PROCESSOR 1)

Pin No.	Pin Name	I/O	Description
1	VSS	—	Ground terminal
2	XRST	I	System reset signal input from the system controller "L": reset
3	EXTIN	I	Master clock signal input terminal Not used
4	FS2	I	Sampling frequency selection signal input terminal Not used
5	VDDI	—	Power supply terminal (+2.5V)
6	FS1	I	Sampling frequency selection signal input terminal Not used
7	PLOCK	O	Internal PLL lock signal output terminal Not used
8	VSS	—	Ground terminal
9	MCLK1	I	System clock input terminal (12.866 MHz)
10	VDDI	—	Power supply terminal (+2.5V)
11	VSS	—	Ground terminal
12	MCLK2	O	System clock output terminal (12.866 MHz)
13	MS	I	Master/slave setting terminal "L": internal clock, "H": external clock Fixed at "L" in this set
14	SCKOUT	O	Internal system clock output terminal Not used
15	LRCKI1	I	L/R sampling clock signal (44.1 kHz) input from the A/D converter and digital audio interface receiver
16	VDDE	—	Power supply terminal (+3.3V)
17	BCKI1	I	Bit clock signal (2.8224 MHz) input from the A/D converter and digital audio interface receiver
18	SDI1	I	Audio serial data input from the A/D converter
19	LRCKO	O	L/R sampling clock signal (44.1 kHz) output to the audio digital signal processor 2
20	BCKO	O	Bit clock signal (2.8224 MHz) output to the audio digital signal processor 2
21	VSS	—	Ground terminal
22	KFSIO	I	Audio clock signal input from the digital audio interface receiver
23 to 26	SDO1 to SDO4	O	Audio serial data output to the audio digital signal processor 2
27	SPDIF	O	SPDIF signal output terminal Not used
28	LRCKI2	I	L/R sampling clock signal (44.1 kHz) input from the A/D converter and digital audio interface receiver
29	BCKI2	I	Bit clock signal (2.8224 MHz) input from the A/D converter and digital audio interface receiver
30	SDI2	I	Audio serial data input from the digital audio interface receiver
31	VSS	—	Ground terminal
32	HACN	O	Acknowledge signal output to the system controller
33	HDIN	I	Serial data input from the system controller
34	HCLK	I	Serial data transfer clock signal input from the system controller
35	HDOUT	O	Serial data output to the system controller
36	HCS	I	Chip select input from the system controller
37	SDCLK	O	SD-RAM clock output terminal Not used
38	CLKEN	O	SD-RAM chip enable output terminal Not used
39	RAS	O	Row address strobe signal output terminal Not used
40	VDDI	—	Power supply terminal (+2.5V)
41	VSS	—	Ground terminal
42	CAS	O	Column address strobe signal output terminal Not used
43	DQM/OE0	O	Output terminal of data input/output mask Not used
44	CS0	O	Chip select signal output terminal Not used
45	WE0	O	Write enable signal output terminal Not used

Pin No.	Pin Name	I/O	Description
46	VDDE	—	Power supply terminal (+3.3V)
47	WMD1	I	External memory wait mode setting terminal Fixed at “H” in this set
48	VSS	—	Ground terminal
49	WMD0	I	External memory wait mode setting terminal Fixed at “H” in this set
50	PAGE2	O	External memory page selection signal output terminal Not used
51	VSS	—	Ground terminal
52, 53	PAGE1, PAGE0	O	External memory page selection signal output terminal Not used
54	BOOT	I	Boot mode control signal input terminal Not used
55	BTACT	O	Boot mode state display signal output terminal Not used
56	BST	I	Boot strap signal input from the system controller
57	MOD1	I	Operation mode setting terminal “L”: enhanced mode, “H”: normal mode Fixed at “H” in this set
58	MOD0	I	Operation mode setting terminal “L”: single chip mode, “H”: can not use Fixed at “L” in this set
59	EXLOCK	I	PLL lock error signal and data error flag input from the digital audio interface receiver
60	VDDI	—	Power supply terminal (+2.5V)
61	VSS	—	Ground terminal
62 to 66	A17 to A13	O	Address signal output terminal Not used
67	GP10	—	Not used
68	GP9	O	Audio signal output to the system controller
69	GP8	I	Channel status bit 1 input from the digital audio interface receiver
70	VDDI	—	Power supply terminal (+2.5V)
71	VSS	—	Ground terminal
72 to 75	D15/GP7 to D12/GP4	I/O	Two-way data bus terminal Not used
76	VDDE	—	Power supply terminal (+3.3V)
77 to 80	D11/GP3 to D8/GP0	I/O	Two-way data bus terminal Not used
81	VSS	—	Ground terminal
82 to 85	A9, A12 to A10	O	Address signal output terminal Not used
86	TDO	O	Simplicity emulation data output terminal Not used
87	TMS	I	Simplicity emulation data input start and end terminal Not used
88	XTRST	I	Simplicity emulation non-sync break signal input terminal Not used
89	TCK	I	Simplicity emulation clock signal input terminal Not used
90	TDI	I	Simplicity emulation data input terminal Not used
91	VSS	—	Ground terminal
92 to 97	A8 to A3	O	Address signal output terminal Not used
98, 99	D7, D6	I/O	Two-way data bus terminal Not used
100	VDDI	—	Power supply terminal (+2.5V)
101	VSS	—	Ground terminal
102 to 105	D5 to D2	I/O	Two-way data bus terminal Not used
106	VDDE	—	Power supply terminal (+3.3V)
107, 108	D1, D0	I/O	Two-way data bus terminal Not used
109, 110	A2, A1	O	Address signal output terminal Not used
111	VSS	—	Ground terminal

Pin No.	Pin Name	I/O	Description
112	A0	O	Address signal output terminal Not used
113	PM	I	PLL initialize signal input from the system controller
114	SDI3, SDI4	I	Audio serial data input terminal Not used
116	SYNC	I	Sync/non-sync setting terminal “L”: sync, “H”: non-sync Fixed at “H” in this set
117 to 119	VSS	—	Ground terminal
120	VDDI	—	Power supply terminal (+2.5V)

• DIGITAL BOARD IC1601 CXD9616BR (AUDIO DIGITAL SIGNAL PROCESSOR 2)

Pin No.	Pin Name	I/O	Description
1	VDDI	—	Power supply terminal (+2.5V)
2	EXTIN	I	Master clock signal input terminal Not used
3, 4	WMD1, WMD0	I	External memory wait mode setting terminal Fixed at "H" in this set
5	MOD1	I	Operation mode setting terminal "L": enhanced mode, "H": normal mode Fixed at "H" in this set
6	MOD0	I	Operation mode setting terminal "L": single chip mode, "H": can not use Fixed at "L" in this set
7	VSS	—	Ground terminal
8	XRST	I	System reset signal input from the system controller "L": reset
9	VSS	—	Ground terminal
10	SCKOUT	O	Internal serial clock signal output to the D/A converter
11	VDDI (PLL)	—	Power supply terminal (+2.5V) (for PLL)
12	SYNC	I	Sync/non-sync setting terminal "L": sync, "H": non-sync Fixed at "H" in this set
13 to 15	PAGE2 to PAGE0	O	External memory page selection signal output terminal Not used
16	PLOCK	O	Internal PLL lock signal output terminal Not used
17	BTACK	I	Boot mode state display signal output terminal Not used
18	VDDE	—	Power supply terminal (+3.3V)
19	VSS	—	Ground terminal
20 to 22	D31 to D29	I/O	Two-way data bus with the S-RAM
23	A17	O	Address signal output terminal Not used
24	VSS	—	Ground terminal
25	SDO3	O	Audio serial data output to the D/A converter
26	SDO4	O	Audio serial data output to the D/A converter
27, 28	SDI1, SDI2	I	Audio serial data input from the audio digital signal processor 1
29	LRCKI1	I	L/R sampling clock signal (44.1 kHz) input from the audio digital signal processor 1
30	VSS	—	Ground terminal
31, 32	D28, D27	I/O	Two-way data bus with the S-RAM
33	A16	O	Address signal output terminal Not used
34	A15	O	Address signal output to the S-RAM
35	SDI3	I	Audio serial date input from the audio digital signal processor 1
36	L2	—	Not used
37	VDDI	—	Power supply terminal (+2.5V)
38	BCKI1	I	Bit clock signal (2.8224 MHz) input from the audio digital signal processor 1
39	SDI4	I	Audio serial data input from the audio digital signal processor 1
40	MS	I	Master/slave setting terminal "L": internal clock, "H": external clock Fixed at "L" in this set
41, 42	A14, A13	O	Address signal output to the S-RAM
43, 44	D26, D25	I/O	Two-way data bus with the S-RAM
45	VSS	—	Ground terminal
46	BCKI2	I	Bit clock signal (2.8224 MHz) input terminal Not used
47, 48	FS2, FS1	I	Sampling frequency selection signal input terminal Not used
49	SPDIF	I	SPDIF signal output terminal Not used
50	A12	O	Address signal output to the S-RAM
51 to 53	D24 to D22	I/O	Two-way data bus with the S-RAM
54	VDDE	—	Power supply terminal (+3.3V)
55	VSS	—	Ground terminal

Pin No.	Pin Name	I/O	Description
56 to 58	D21 to D19	I/O	Two-way data bus with the S-RAM
59	A11	O	Address signal output to the S-RAM
60, 61	SDO1, SDO2	O	Audio serial data output to the D/A converter
62	KFSIO	I	Audio clock signal input from the digital audio interface receiver
63	LRCKO	O	L/R sampling clock signal (44.1 kHz) output to the D/A converter
64	BCKO	O	Bit clock signal (2.8224 MHz) output to the D/A converter
65	VDDI	—	Power supply terminal (+2.5V)
66	VSS	—	Ground terminal
67, 68	D18, D17	I/O	Two-way data bus with the S-RAM
69, 70	A10, A9	O	Address signal output to the S-RAM
71	CAS	O	Column address strobe signal output terminal Not used
72	RAS	O	Row address strobe signal output terminal Not used
73	VDDI	—	Power supply terminal (+2.5V)
74	HDIN	I	Serial data input from the system controller
75	HCLK	I	Serial data transfer clock signal input from the system controller
76	HCS	I	Chip select signal input from the system controller
77, 78	A8, A7	O	Address signal output to the S-RAM
79	D16	I/O	Two-way data bus with the S-RAM
80	D15	I/O	Two-way data bus terminal Not used
81	VSS	—	Ground terminal
82	HDOUT	O	Serial data output to the system controller
83	HACN	O	Acknowledge signal output to the system controller
84	CSO	O	Chip select signal output to the S-RAM
85	WEO	O	Write enable signal output to the S-RAM
86	A6	O	Address signal output to the S-RAM
87 to 89	D14 to D12	I/O	Two-way data bus terminal Not used
90	VDDE	—	Power supply terminal (+3.3V)
91	VSS	—	Ground terminal
92 to 94	D11 to D9	I/O	Two-way data bus terminal Not used
95	A5	O	Address signal output to the S-RAM
96	VDDI	—	Power supply terminal (+2.5V)
97	TCK	I	Simplicity emulation clock signal input terminal Not used
98	TDI	I	Simplicity emulation data input terminal Not used
99	TDO	O	Simplicity emulation data input terminal Not used
100	TMS	I	Simplicity emulation data input start and end select Not used
101	XTRST	I	Simplicity emulation non-sync break signal input terminal Not used
102	VSS	—	Ground terminal
103, 104	D8, D7	I/O	Two-way data bus terminal Not used
105, 106	A4, A3	O	Address signal output to the S-RAM
107, 108	GP10, GP9	—	Not used
109	VDDI	—	Power supply terminal (+2.5V)
110	GP8	—	Not used
111	GP7	I	L/R sampling clock signal (44.1 kHz) input terminal
112	GP6	—	Not used
113, 114	A2, A1	O	Address signal output to the S-RAM
115, 116	D6, D5	I/O	Two-way data bus terminal Not used

Pin No.	Pin Name	I/O	Description
117	VSS	—	Ground terminal
118, 119	GP5, GP4	—	Not used
120	GP3	O	Error signal output to the system controller
121	NC	—	Not used
122	A0	O	Address signal output to the S-RAM
123 to 125	D4 to D2	I/O	Two-way data bus terminal Not used
126	VDDE	—	Power supply terminal (+3.3V)
127	VSS	—	Ground terminal
128, 129	D1, D0	I/O	Two-way data bus terminal Not used
130 to 132	GP2 to GP0	—	Not used
133	SDCLK	O	SD-RAM clock signal output terminal Not used
134	BTSEL	I	Boot start address selection signal input “L”: FF800h, “H”: FF000h Fixed at “H” in this set
135	DQM	O	Output terminal of data input/output mask Not used
136	EXLOCK	I	Lock signal input from the system controller
137	VDDI	—	Power supply terminal (+2.5V)
138	VSS	—	Ground terminal
139	MCLK2	O	System clock output terminal (13.5 MHz)
140	PM	I	PLL initialize signal input from the system controller
141	BST	I	Boot strap signal input from the system controller
142	BOOT	I	Boot mode control signal input terminal Not used
143	TST	I	Not used
144	MCLK1	I	System clock output terminal (13.5 MHz)

• DIGITAL BOARD IC1703 MB91154PFV-G-108-BND1 (SYSTEM CONTROLLER)

Pin No.	Pin Name	I/O	Description
1	H.P IN	I	Headphone detection signal input "H": headphone is connected
2	SP A RY	O	Relay drive signal output (for front A speaker) "H": relay on
3	H/P RY	O	Relay drive signal output (for headphone) "H": relay on
4	SP B RY	O	Relay drive signal output (for front B speaker) "H": relay on (except STR-DB1080: E model)
5	REAR RY	O	Relay drive signal output (for surround speaker) "H": relay on
6	CENTER RY	O	Relay drive signal output (for center and surround back speaker) "H": relay on
7	2ND AUDIO RY	O	Relay drive signal output (for second room out) "H": relay on
8	PRE RY	O	Relay drive signal output (for pre amplifier) "H": relay on
9	VSS	—	Ground terminal
10	SB RY	O	Relay drive signal output (for center and surround back speaker) "H": relay on
11	C.JOG	I	Jog dial pulse input from the rotary encoder (A phase input) (jog dial)
12	C.JOG	I	Jog dial pulse input from the rotary encoder (B phase input) (jog dial)
13	F.JOG	I	Jog dial pulse input from the rotary encoder (A phase input) (FUNCTION)
14	F.JOG	I	Jog dial pulse input from the rotary encoder (B phase input) (FUNCTION)
15	V.JOG	I	Jog dial pulse input from the rotary encoder (A phase input) (MASTER VOLUME)
16	V.JOG	I	Jog dial pulse input from the rotary encoder (B phase input) (MASTER VOLUME)
17	SP A	I	Front A speaker on/off switch input terminal "L": speaker on
18	POWER.RY	O	Relay drive signal output (for main power) "H": relay on
19	TUNER AUTO STOP	I	Tuned display state detection signal input from the tuner unit "L": tuned
20	TUNER MUTE	O	Muting on/off control signal output to the tuner unit "L": muting on
21	DATA	O	Serial data output to the tuner unit, function switch, electrical volume and LED driver
22	CLK	O	Serial data transfer clock signal output to the tuner unit, function switch, electrical volume and LED driver
23	TUNER DATA IN	I	Serial data input from the tuner unit
24	F. SW LAT	O	Serial data latch pulse signal output to the function switch and electrical volume
25	TUNER STEREO	I	FM stereo display detection signal input from the tuner unit "L": stereo
26	VSS	—	Ground terminal
27	VCC	—	Power supply terminal (+3.3V)
28	RDS DATA	I	RDS serial data input from the tuner unit (STR-DB1080: AEP and UK models only)
29 to 32	VIDEO SW1 to VIDEO SW4	O	Video selection signal output
33	VSINK	I	Vertical sync signal input (STR-DB1080: AEP, UK, E, Singapore, Malaysia models only)
34	P/N	O	NTSC/PAL selection signal output "L": NTSC (STR-DA2ES/DB1080: E, Singapore, Malaysia, Korean models), "H": PAL (STR-DB1080: AEP, UK models)
35	HDOUT1	I	Serial data input from the audio digital signal processor 1
36, 37	OPT B, OPT A	O	Digital input selection signal output
38	LED CE	O	Chip enable signal output to the LED driver
39	LED CLR	O	Clear signal output to the LED driver
40	TUNER LAT	O	Serial data latch pulse signal output to the tuner unit
41	M STATUS	O	Monitor status control signal output (STR-DA2ES only)
42	D.POWER	O	Digital section power on/off control signal output "H": power on
43	V.POWER	O	Video section power on/off control signal output "H": power on
44	VSS	—	Ground terminal
45	NC	I	Not used

Pin No.	Pin Name	I/O	Description
46	LRCK EN	O	Signal selection signal output "L": boot strap signal, "H": L/R sampling clock signal
47	ERROR	I	Error signal input from the audio digital signal processor 2
48	NC	I	Not used
49	SUB.T.PORT	O	Sub power on/off signal output "H": power on
50	SP B	I	Front B speaker on/off switch input terminal "L": speaker on (except STR-DB1080: E model)
51	GND	—	Ground terminal
52	MD2	O	Setting terminal for the CPU operation mode Fixed at "L" in this set
53, 54	MD1, MD0	O	Setting terminal for the CPU operation mode Fixed at "H" in this set
55	RSTX	I	System reset signal input "L": reset For several hundreds msec. after the power supply rises, "L" is input, then it changes to "H"
56	VCC	—	Power supply terminal (+3.3V)
57	X1	O	Main system clock output terminal (16.5 MHz)
58	X0	I	Main system clock input terminal (16.5 MHz)
59	VSS	—	Ground terminal
60	STOP	I	Sub power voltage detection signal input
61	RDS CLK	I	RDS serial data transfer clock signal input from the tuner unit (STR-DB1080: AEP and UK models only)
62	POWER	I	I/⏻ key input terminal
63	MBUS TV	I	TV and SAT signal input terminal (STR-DA2ES only)
64	MBUS DVD	I	DVD and LD signal input terminal (STR-DA2ES only)
65	MBUS VIDEO	I	VIDEO signal input terminal (STR-DA2ES only)
66	SIRCS	I	Sircs signal input
67	DIR ERROR	I	PLL lock error signal and data error flag input from the digital audio interface receiver
68	VCC	—	Power supply terminal (+3.3V)
69	XSTATE	I	Source clock selection monitor input from the digital audio interface receiver
70	DATA0	I	Audio serial data input from the digital audio interface receiver
71	XMODE	O	System reset signal output to the digital audio interface receiver "L": reset
72	CKSEL1	O	Output clock selection signal output to the digital audio interface receiver
73	CLK	O	Clock signal output to the digital audio interface receiver
74	CE	O	Chip enable signal output to the digital audio interface receiver
75	DI	O	Write data output to the digital audio interface receiver
76	DO	I	Read data input from the digital audio interface receiver
77	VCC	—	Power supply terminal (+3.3V)
78	BST2	O	Boot strap control signal output to the audio digital signal processor 2
79	PM2	O	PLL initialize signal output to the audio digital signal processor 2
80	XRST2	O	System reset signal output to the audio digital signal processor 2 "L": reset
81	HACN2	I	Acknowledge signal input from the audio digital signal processor 2
82	HCS2	O	Chip select signal output to the audio digital signal processor 2
83	GB9	I	Audio signal input from the audio digital signal processor 1
84	BST1	O	Boot strap signal output to the audio digital signal processor 1
85	HCS1	O	Chip select signal output to the audio digital signal processor 1
86	A1 IN	I	Sircs signal input for CONTROL A1 II
87	A1 OUT	O	Sircs signal output for CONTROL A1 II
88	HACN1	I	Acknowledge signal input from the audio digital signal processor 1
89	XRST1	O	System reset signal output to the audio digital signal processor 1 "L": reset

Pin No.	Pin Name	I/O	Description
90	PM1	O	PLL initialize signal output to the audio digital signal processor 1
91	ADC : RST	O	System reset signal output to the A/D converter "L": reset
92	DACINT	O	System reset signal output to the D/A converter "L": reset
93	DA1LAT	O	Serial data latch pulse signal output to the D/A converter
94	DACCLK	O	Serial data transfer clock signal output to the D/A converter
95	DACDI	O	Serial data output to the D/A converter
96	2EXLOCK	O	Lock signal output to the audio digital signal processor 2
97	VCC	—	Power supply terminal (+3.3V)
98	VSS	—	Ground terminal
99	EEPROM SDA	I/O	Two-way data bus with the EEPROM
100	EEPROM SCL	O	Serial data transfer clock signal output to the EEPROM
101	VSS	—	Ground terminal
102	HCLK	O	Serial data transfer clock signal output to the audio digital signal processor 1/2
103	HDIN	O	Serial data output to the audio digital signal processor 1/2
104	HDOUT2	I	Serial data input from the audio digital signal processor 2
105	CLK	O	Serial data transfer clock signal output to the OSD driver
106	DATA	O	Serial data output to the OSD driver
107	LAT	O	Serial data latch pulse signal output to the OSD driver
108	DAIDO	I	Serial data input from the D/A converter
109	SOTI	O	Output terminal of serial data for flash memory write Not used
110	SIN1	I	Input terminal of serial data for flash memory write Not used
111	CLK	O	Serial data transfer clock signal output to the fluorescent indicator tube driver
112	DIN	O	Serial data output to the fluorescent indicator tube driver
113	LAT	O	Serial data latch pulse signal output to the fluorescent indicator tube driver
114	CLR	O	Clear signal output to the fluorescent indicator tube driver
115	FUN LAT SW	O	Serial data latch pulse signal selection signal output "L": for electrical volume (except for second room out), "H": for function switch and electrical volume (for second room out)
116	SYSTEM MUTE	O	System muting on/off control signal output "L": muting on
117	2ND VOL LAT	O	Serial data latch pulse signal output to the electrical volume (for second room out)
118	PROTECTOR	I	Over load detection signal input from the protect circuit "L": over load
119	DA2LAT	O	Serial data latch pulse signal output to the D/A converter
120	CD DIRECT	O	Relay drive signal output (for CD/SACD signal selection) "H": relay on
121	ANALOG DIGITAL	O	Analog/digital selection signal output "L": analog, "H": digital
122	VCC	—	Power supply terminal (+3.3V)
123 to 125	NC	—	Not used
126	DAVS	—	Ground terminal (for D/A converter)
127	DAVC	—	Power supply terminal (+3.3V) (for D/A converter) Not used
128	AVCC	—	Power supply terminal (+3.3V) (for analog) Not used
129	AVRH	I	Reference voltage (+3.3V) input terminal Not used
130	AVRL	I	Reference voltage (0V) input terminal Not used
131	AVSS	—	Ground terminal (for analog)
132 to 136	AD1 to AD5	I	Key input terminal (A/D input)
137	NC	—	Not used
138	VERSION2	I	Version setting terminal
139	RDS SIGNAL	I	RDS signal input from the tuner unit (STR-DB1080: AEP and UK models only)

Pin No.	Pin Name	I/O	Description
140	VCC2	—	Power supply terminal (+3.3V) Not used
141	BACKUP	—	Power supply terminal (+3.3V) (for back up)
142	GND	—	Ground terminal Not used
143	OPEN	—	Not used
144	VSS	—	Ground terminal

• **VIDEO BOARD IC307 MB90089F-G-238-BND (OSD DRIVER)**

Pin No.	Pin Name	I/O	Description
1	YIN	I	Y (luminance) signal input
2	CIN	I	C (color) signal input
3	VIN	I	Composite video signal input
4	AVCC	—	Power supply terminal (+5V) (for analog)
5	FSCO	O	Internal color burst phase display signal output terminal Not used
6	VBLK	O	Vertical blanking period signal output terminal Not used
7	VCC	—	Power supply terminal (+5V)
8	EXS	I	Input terminal from the clock generator for external color burst connected to crystal vibrator (NTSC: 14.31818MHz, PAL: 17.734475MHz)
9	XS	O	Output terminal from the clock generator for external color burst connected to crystal vibrator (NTSC: 14.31818MHz, PAL: 17.734475MHz) Not used
10	HSYNC	O	Horizontal sync signal output terminal Not used
11	VSYNC	O	Vertical sync signal output terminal Not used
12	EXHSYN	I	External horizontal sync signal input terminal Not used
13	EXVSYN	I	External vertical sync signal input terminal Not used
14	VSS	—	Ground terminal
15	EXD	I	Input terminal from the dot clock generator for external display
16	XD	O	Output terminal from the dot clock generator for external display
17	VOB	O	Character and background period signal output terminal Not used
18 to 20	VOC2 to VOC0	O	Color signal output terminal Not used
21	TEST	I	Setting terminal for the test “L”: test (normally: fixed at “H”)
22	SCLK	I	Serial data transfer clock signal input from the system controller
23	SIN	I	Serial data input from the system controller
24	CS	I	Serial data latch pulse signal input from the system controller
25	VOUT	O	Composite video signal output
26	COUT	O	C (color) signal output
27	YOUT	O	Y (luminance) signal output
28	AVSS	—	Ground terminal (for analog)

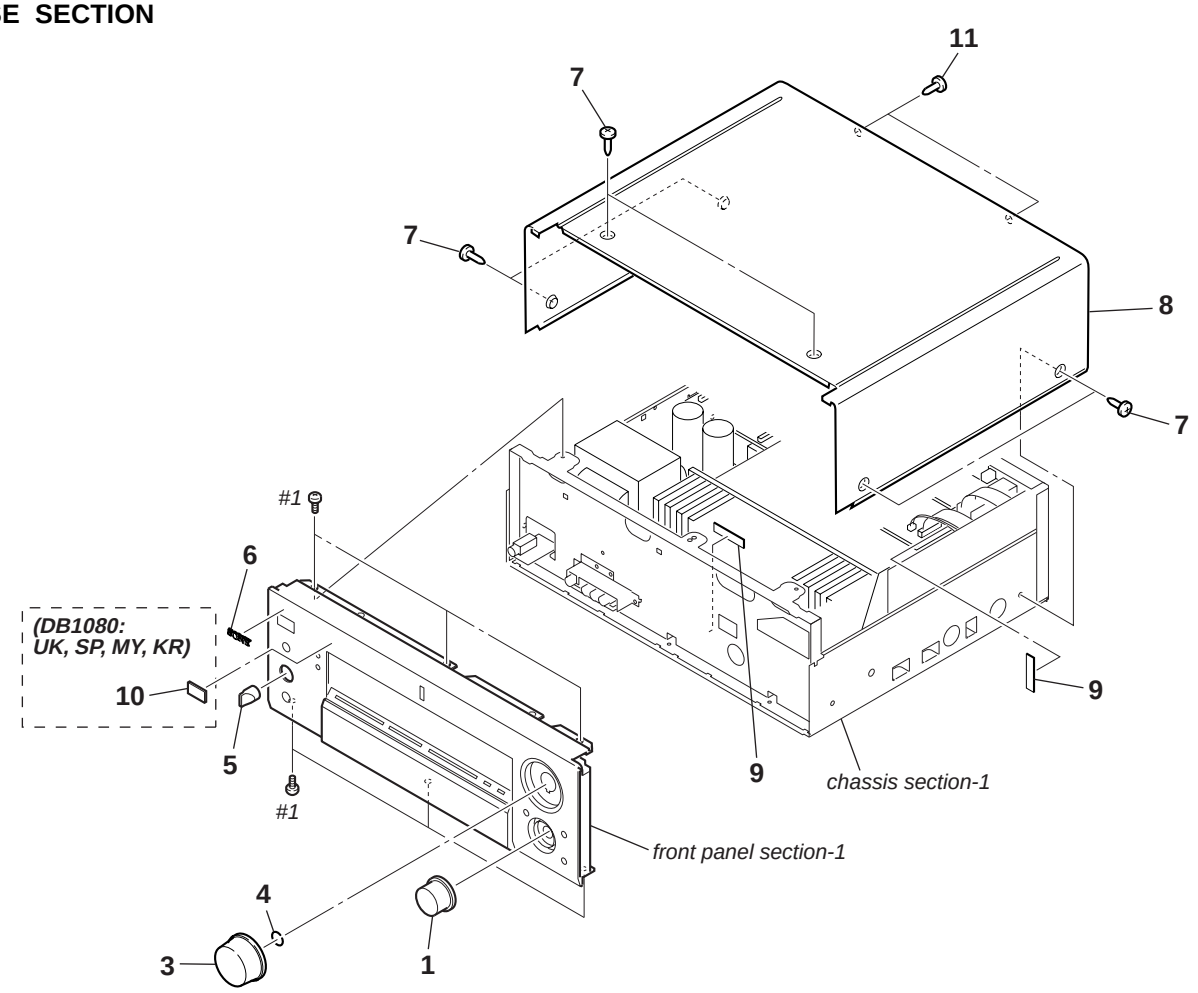
SECTION 7
EXPLODED VIEWS

NOTE:
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Color Indication of Appearance Parts
  Example:
  KNOB, BALANCE (WHITE) . . . (RED)
  ↑ ↑
  Parts Color Cabinet's Color
- Abbreviation
  CND : Canadian model MY : Malaysia model
  KR : Korean model SP : Singapore model
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Accessories are given in the last of the electrical parts list.

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

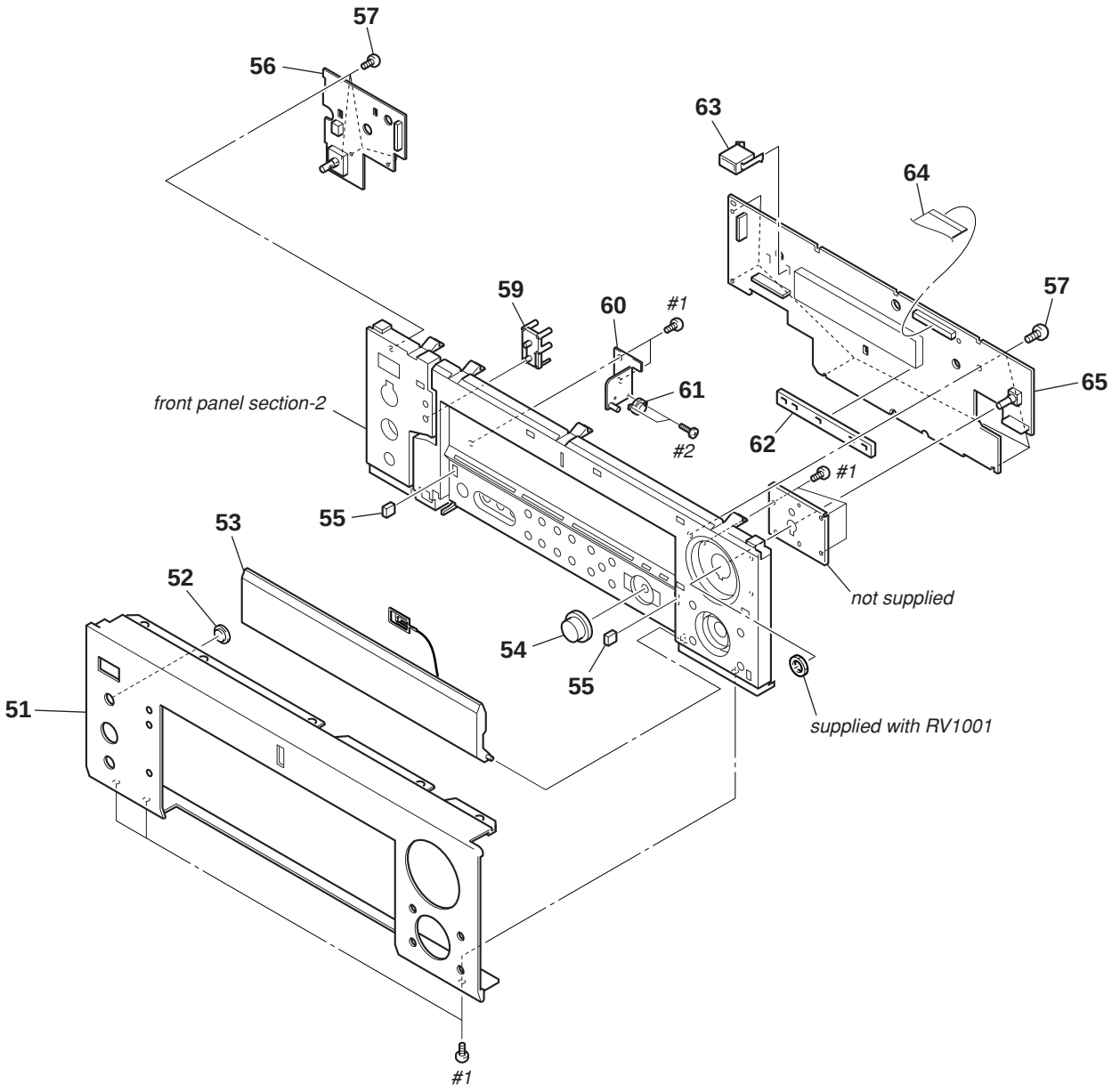
Les composants identifiés par une marque ⚠ sont critiquens pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

7-1. CASE SECTION



Ref. No.	Part No.	Description	Remark
1	X-4948-601-1	KNOB (FUNC) ASSY (BLACK)	
1	X-4948-634-1	KNOB (FUNC) ASSY (GOLD)	
1	X-4950-280-1	KNOB (FUNC) ASSY (SILVER)	
3	X-4953-670-1	KNOB (VOL-E) ASSY (BLACK)	
3	X-4953-671-1	KNOB (VOL-E) ASSY (GOLD)	
3	X-4953-672-1	KNOB (VOL-E) ASSY (SILVER)	
4	3-350-426-01	SPRING, RING	
5	4-233-626-02	KNOB (F14B) (BLACK) (DB1080: E)	
5	4-233-626-12	KNOB (F14B) (GOLD) (DB1080: E)	
5	4-957-383-01	KNOB (F14)(BLACK)(DA2ES/DB1080: AEP, UK)	
5	4-957-383-21	KNOB (F14) (GOLD) (DB1080: SP, MY, KR)	
5	4-957-383-41	KNOB (F14) (SILVER) (DB1080: AEP, UK)	
6	4-942-568-41	EMBLEM (NO.5), SONY (BLACK)	
6	4-942-568-51	EMBLEM (NO.5), SONY (GOLD)	
6	4-942-568-61	EMBLEM (NO.5), SONY (SILVER)	
7	4-227-843-01	SCREW (TP), FLAT HEAD (for BLACK)	
7	4-227-843-11	SCREW (TP), FLAT HEAD (for GOLD, SILVER)	
8	4-900-512-02	CASE (414535) (BLACK)	
8	4-900-512-42	CASE (414535) (SILVER)	
8	X-4950-437-1	CASE (414535) ASSY (GOLD)	
9	3-378-434-01	CUSHION, SARANET	
10	4-221-138-11	EMBLEM (UK) (DB1080: UK, SP, MY, KR)	
11	4-227-843-01	SCREW (TP), FLAT HEAD (for BLACK) (DA2ES/DB1080: E)	
11	4-227-843-11	SCREW (TP), FLAT HEAD (for GOLD) (DB1080: E, SP, MY, KR)	
11	4-974-510-11	SCREW (+BV 3X8 CU) (DB1080: AEP, UK)	
#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	

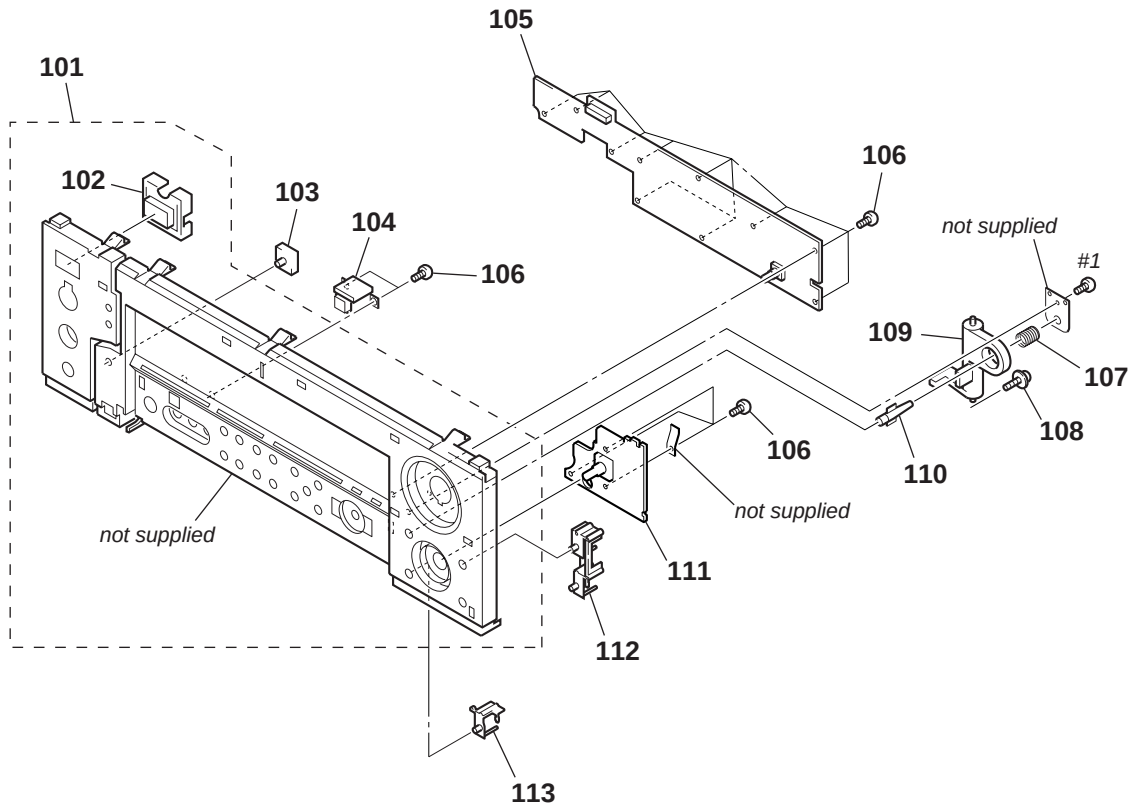
7-2. FRONT PANEL SECTION-1



Ref. No.	Part No.	Description	Remark
51	4-239-176-01	PANEL, FRONT (BLACK) (DA2ES)	
51	4-239-176-11	PANEL, FRONT (BLACK) (DB1080: AEP, UK)	
51	4-239-176-21	PANEL, FRONT (SILVER) (DB1080: AEP, UK)	
51	4-239-176-31	PANEL, FRONT (GOLD) (DB1080: SP, MY, KR)	
51	4-239-176-41	PANEL, FRONT (GOLD) (DB1080: E)	
51	4-239-176-51	PANEL, FRONT (BLACK) (DB1080: E)	
52	X-4953-000-1	WINDOW ASSY, REMOTE CONTROL	
53	A-4412-938-A	LID ASSY (BLACK)	
53	A-4412-940-A	LID ASSY (GOLD)	
53	A-4412-942-A	LID ASSY (SILVER)	
54	4-217-729-01	KNOB (JOG) (BLACK)	
54	4-217-729-12	KNOB (JOG) (GOLD)	
54	4-217-729-21	KNOB (JOG) (SILVER)	
55	4-240-392-01	MAGNET (BLACK)	
55	4-240-392-11	MAGNET (GOLD)	

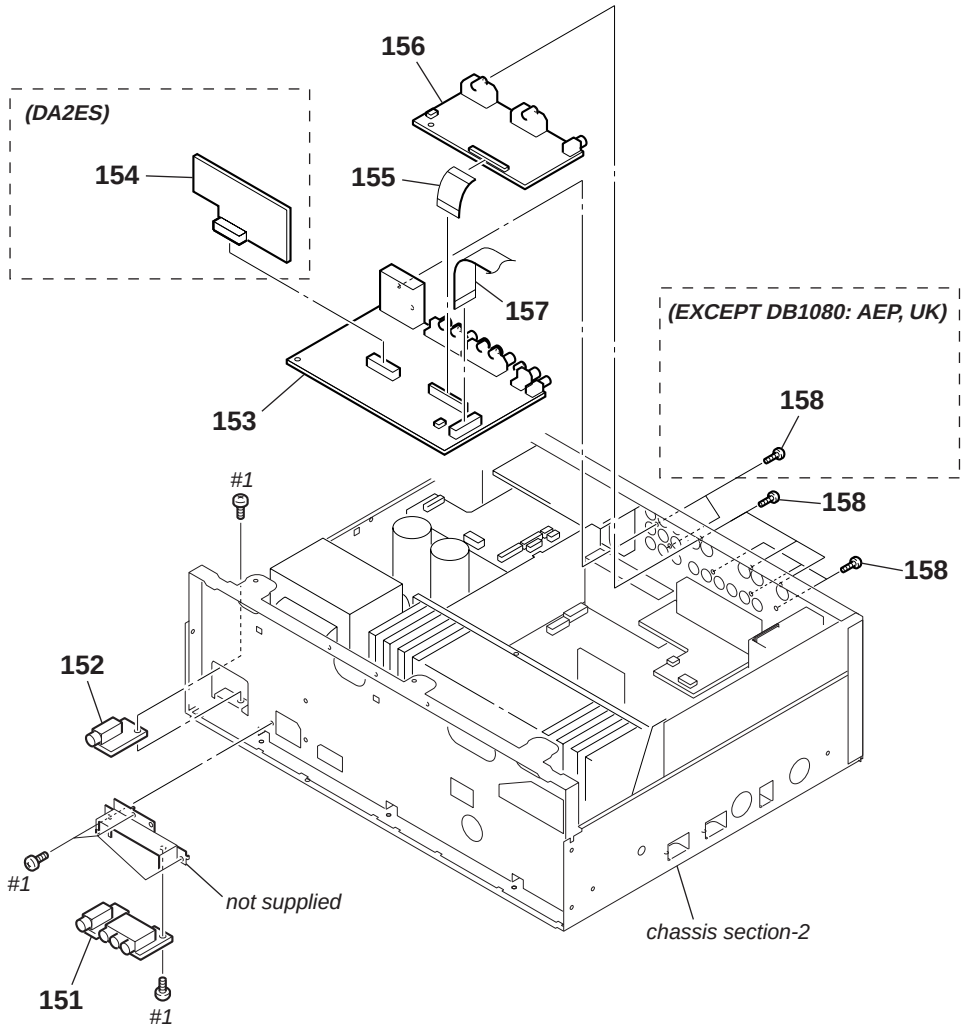
Ref. No.	Part No.	Description	Remark
55	4-240-392-21	MAGNET (SILVER)	
56	1-684-333-11	POWER BOARD	
57	4-951-620-01	SCREW (2.6X8), +BVTP	
59	4-227-138-01	BUTTON (DISPLAY) (BLACK)	
59	4-227-138-11	BUTTON (DISPLAY) (GOLD)	
59	4-227-138-21	BUTTON (DISPLAY) (SILVER)	
60	X-4952-753-1	BRACKET (DAMPER L) ASSY	
61	4-240-391-01	DAMPER, OIL	
62	4-227-153-01	SHEET (LIGHT INTERCEPTION)	
63	4-233-625-01	HOLDER (6.1CH)	
64	1-765-352-11	WIRE (FLAT TYPE) (31 CORE)	
65	A-4728-472-A	DISPLAY BOARD, COMPLETE	
#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	
#2	7-685-853-04	SCREW +BVTT 2X6 (S)	

7-3. FRONT PANEL SECTION-2



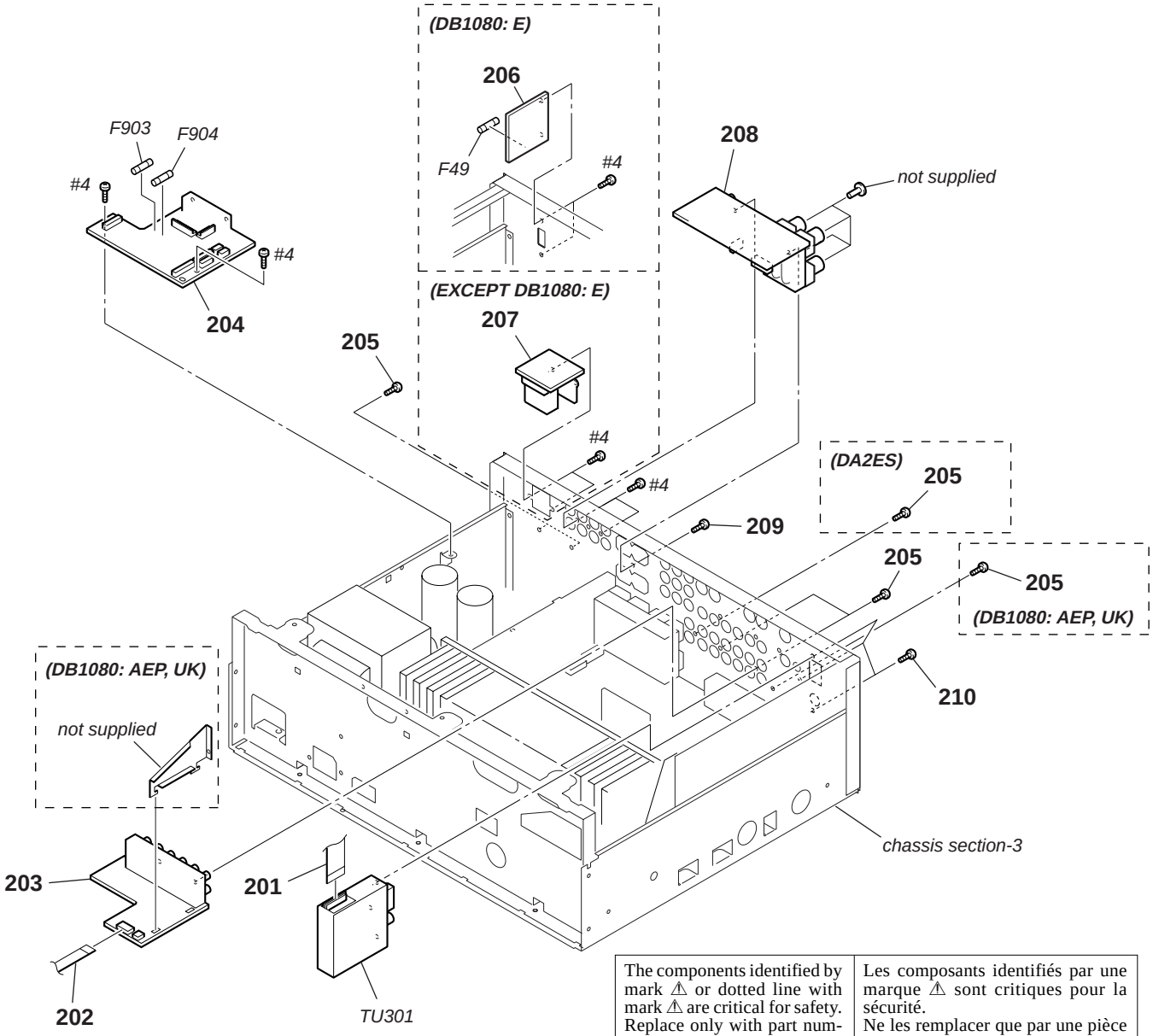
Ref. No.	Part No.	Description	Remark
101	X-4954-564-1	BASE ASSY, PANEL (BLACK) (DA2ES)	
101	X-4954-581-1	BASE ASSY, PANEL (BLACK) (DB1080: AEP, UK)	
101	X-4954-582-1	BASE ASSY, PANEL (SILVER) (DB1080: AEP, UK)	
101	X-4954-583-1	BASE ASSY, PANEL (GOLD) (DB1080: E, SP, MY, KR)	
101	X-4954-811-1	BASE ASSY, PANEL (BLACK) (DB1080: E)	
102	4-998-592-01	BUTTON (POWER) (BLACK)	
102	4-998-592-12	BUTTON (POWER) (GOLD)	
102	4-998-592-23	BUTTON (POWER) (SILVER)	
103	4-233-621-01	BUTTON (ON SCREEN) (BLACK)	
103	4-233-621-11	BUTTON (ON SCREEN) (GOLD)	
103	4-233-621-21	BUTTON (ON SCREEN) (SILVER)	
104	1-684-337-11	V3-OPT BOARD	
105	A-4728-475-A	SW BOARD, COMPLETE	
106	4-951-620-01	SCREW (2.6X8), +BVTP	
107	4-227-150-01	SPRING, COMPRESSION	
108	4-917-583-71	BRACKET, YOKE	
109	4-227-143-01	LEVER (OPEN) (BLACK)	
109	4-227-143-11	LEVER (OPEN) (GOLD)	
109	4-227-143-21	LEVER (OPEN) (SILVER)	
110	4-227-142-01	BUTTON (OPEN) (BLACK)	
110	4-227-142-11	BUTTON (OPEN) (GOLD)	
110	4-227-142-21	BUTTON (OPEN) (SILVER)	
111	1-684-332-11	MUTING BOARD	
112	X-4952-765-1	BUTTON (MUTING) ASSY (BLACK)	
112	X-4952-766-1	BUTTON (MUTING) ASSY (GOLD)	
112	X-4952-767-1	BUTTON (MUTING) ASSY	
113	4-233-620-01	BUTTON (INPUT MODE) (BLACK)	
113	4-233-620-11	BUTTON (INPUT MODE) (GOLD)	
113	4-233-620-21	BUTTON (INPUT MODE) (SILVER)	
#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	

7-4. CHASSIS SECTION-1



Ref. No.	Part No.	Description	Remark
151	1-684-336-11	VIDEO 3 BOARD	
152	1-684-335-11	H.P BOARD	
153	A-4728-487-A	VIDEO BOARD, COMPLETE (DA2ES)	
153	A-4728-503-A	VIDEO BOARD, COMPLETE (DB1080: E, SP, MY)	
153	A-4728-522-A	VIDEO BOARD, COMPLETE (DB1080: AEP, UK)	
153	A-4730-111-A	VIDEO BOARD, COMPLETE (DB1080: KR)	
154	A-4728-955-A	UP CONVERT BOARD, COMPLETE (DA2ES)	
155	1-773-001-11	WIRE (FLAT TYPE) (15 CORE) (DB1080)	
155	1-773-105-11	WIRE (FLAT TYPE) (19 CORE) (DA2ES)	
156	A-4728-488-A	S-VIDEO BOARD, COMPLETE (DA2ES)	
156	A-4728-504-A	S-VIDEO BOARD, COMPLETE (DB1080)	
157	1-773-003-11	WIRE (FLAT TYPE) (15 CORE) (DB1080)	
157	1-773-143-11	WIRE (FLAT TYPE) (21 CORE) (DA2ES)	
158	3-704-515-21	SCREW (BV/RING) (EXCEPT DB1080: AEP, UK)	
158	4-974-510-11	SCREW (+BV 3X8 CU) (DB1080: AEP, UK)	
#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	

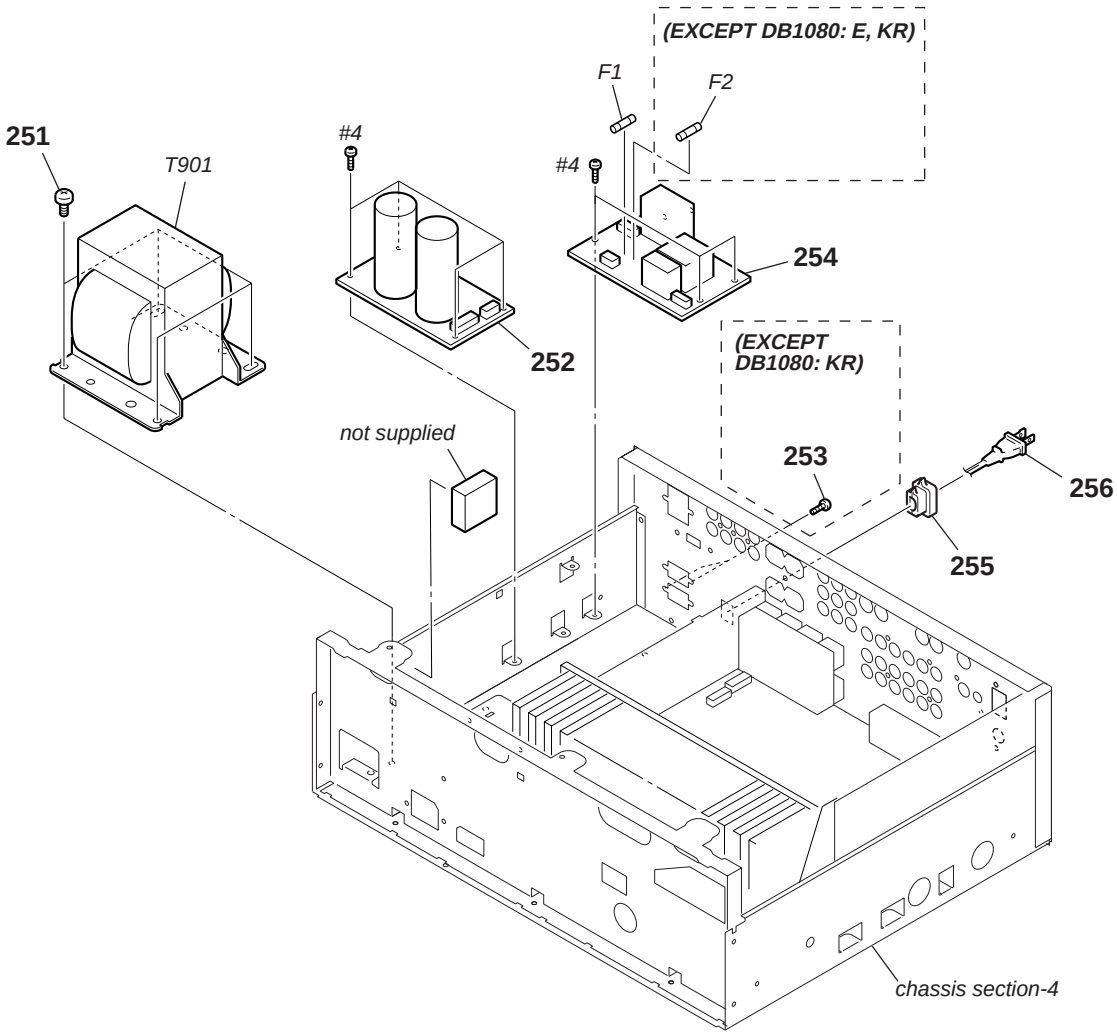
7-5. CHASSIS SECTION-2



The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Ref. No.	Part No.	Description	Remark
201	1-773-001-11	WIRE (FLAT TYPE) (15 CORE)(DB1080: AEP, UK)	
201	1-769-937-11	WIRE (FLAT TYPE) (11 CORE) (EXCEPT DB1080: AEP, UK)	
202	1-769-905-11	WIRE (FLAT TYPE) (9 CORE) (DB1080)	
202	1-773-002-11	WIRE (FLAT TYPE) (15 CORE) (DA2ES)	
203	A-4728-492-A	VIDEO.AU BOARD, COMPLETE (DA2ES)	
203	A-4728-505-A	VIDEO.AU BOARD, COMPLETE (DB1080)	
204	A-4728-486-A	DC 2 BOARD, COMPLETE (DA2ES: US)	
204	A-4728-496-A	DC 2 BOARD, COMPLETE (DA2ES: CND)	
204	A-4728-502-A	DC 2 BOARD, COMPLETE (DB1080: E, SP, MY, KR)	
204	A-4728-521-A	DC 2 BOARD, COMPLETE (DB1080: AEP, UK)	
205	3-704-515-21	SCREW (BV/RING) (EXCEPT DB1080: UK)	
205	4-974-510-11	SCREW (+BV 3X8 CU) (DB1080: UK)	
206	1-684-339-11	V.SWITCH BOARD (DB1080: E)	
207	1-685-199-11	SP-B BOARD (EXCEPT DB1080: E)	
208	1-684-338-11	SP BOARD	
209	3-704-515-11	SCREW (BV/RING) (EXCEPT DB1080: UK)	
209	3-704-515-51	SCREW (BV/RING) (DB1080: UK)	
210	3-704-515-21	SCREW (BV/RING) (EXCEPT DB1080: AEP, UK)	
210	4-974-510-11	SCREW (+BV 3X8 CU) (DB1080: AEP, UK)	
⚠F49	1-532-504-51	FUSE (T4AL/250V) (DB1080: E)	
⚠F903	1-532-464-51	FUSE (T2.5AL/250V) (DB1080)	
⚠F903	1-533-419-11	FUSE, GLASS CYLINDRICAL (DIA.5) (4A/125V) (DA2ES: CND)	
⚠F903	1-576-108-11	FUSE (4A/125V) (DA2ES: US)	
⚠F904	1-532-464-51	FUSE (T2.5AL/250V) (DB1080)	
⚠F904	1-533-419-11	FUSE, GLASS CYLINDRICAL (DIA.5) (4A/125V) (DA2ES: CND)	
⚠F904	1-576-108-11	FUSE (4A/125V) (DA2ES: US)	
TU301	1-693-577-22	TUNER (US, CND, E)	
TU301	1-693-578-21	TUNER (AEP, UK)	
TU301	1-693-580-21	TUNER (SP, MY, KR)	
#4	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3 (EXCEPT DB1080: AEP, UK)	
#4	4-974-510-11	SCREW (+BV 3X8 CU) (DB1080: AEP, UK)	

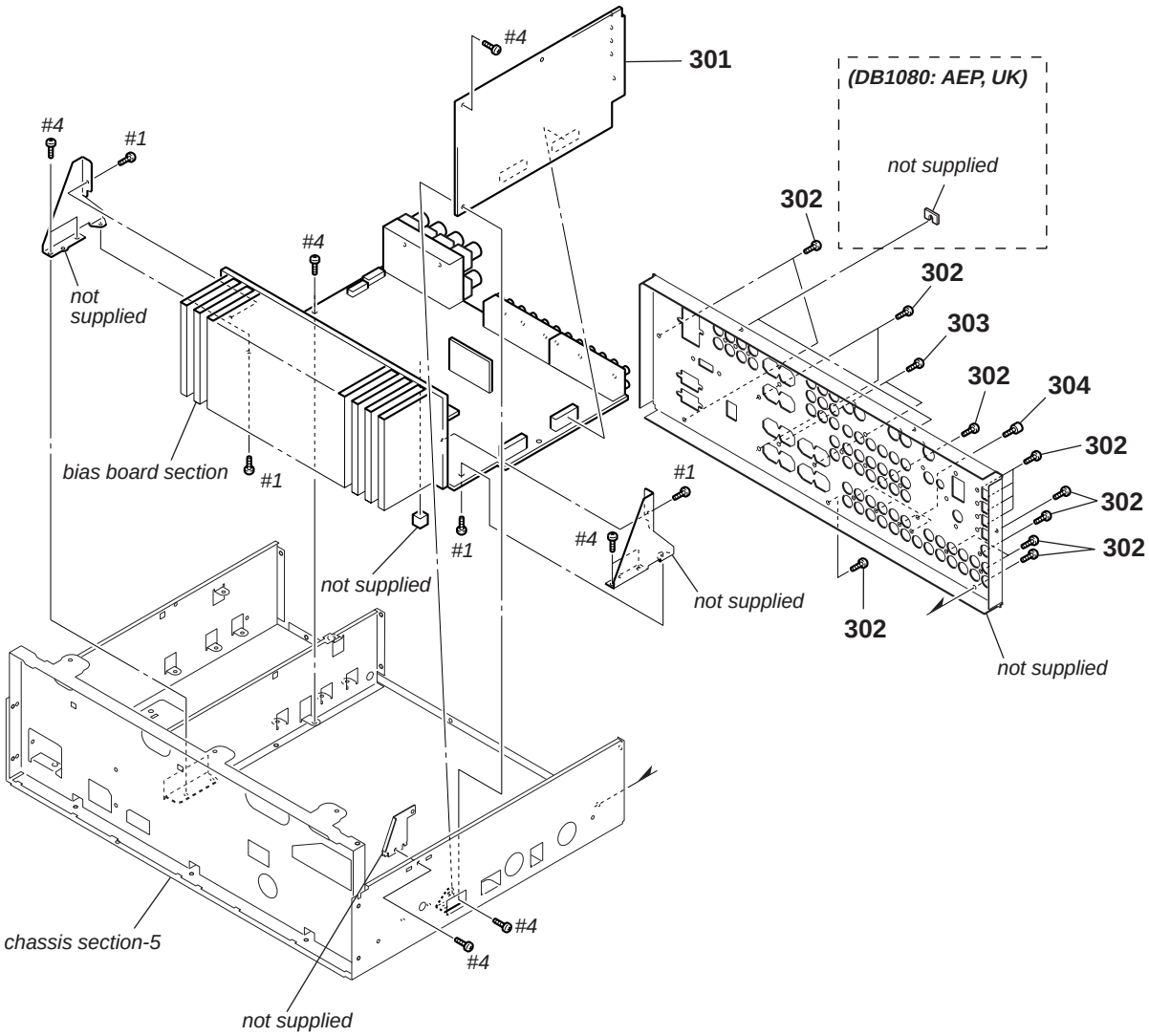
7-6. CHASSIS SECTION-3



The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

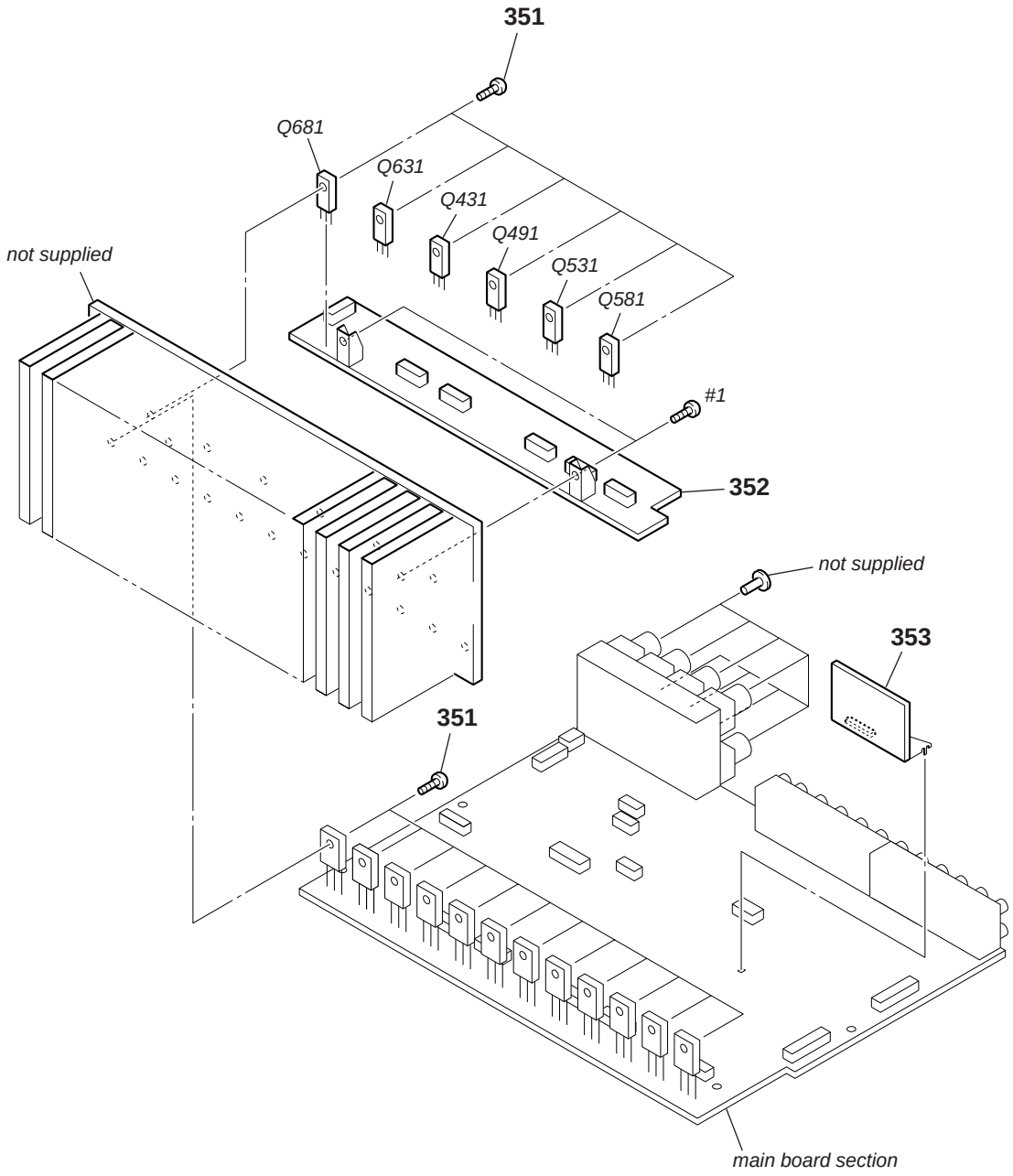
Ref. No.	Part No.	Description	Remark
251	4-900-386-01	SCREW	
252	1-684-324-11	DC 1 BOARD	
253	3-704-515-21	SCREW (BV/RING) (EXCEPT DB1080: AEP, UK)	
253	4-974-510-11	SCREW (+BV 3X8 CU) (DB1080: AEP, UK)	
254	A-4728-480-A	AC BOARD, COMPLETE (DA2ES)	
254	A-4728-511-A	AC BOARD, COMPLETE (DB1080: KR)	
254	A-4728-515-A	AC BOARD, COMPLETE (DB1080: E)	
254	A-4730-537-A	AC BOARD, COMPLETE (DB1080: AEP, UK)	
254	A-4730-604-A	AC BOARD, COMPLETE (DB1080: SP, MY)	
* 255	3-703-244-00	BUSHING (2104), CORD	
⚠256	1-769-079-21	CORD, POWER (KR)	
⚠256	1-769-743-11	CORD, POWER (CND)	
⚠256	1-769-744-11	CORD, POWER (AEP, UK)	
⚠256	1-777-071-22	CORD, POWER (E, SP, MY)	
⚠256	1-783-532-11	CORD, POWER (US)	
⚠F1	1-532-504-51	FUSE (T4AL/250V) (DB1080)	
⚠F1	1-576-048-11	FUSE, GLASS TUBE (10A/125V) (DA2ES)	
⚠F2	1-532-464-51	FUSE (T2.5AL/250V)	(DB1080: AEP, UK, SP, MY)
⚠F2	1-576-048-11	FUSE, GLASS TUBE (10A/125V) (DA2ES)	
⚠T901	1-437-683-11	TRANSFORMER, POWER (US, CND)	
⚠T901	1-437-686-11	TRANSFORMER, POWER (E)	
⚠T901	1-437-687-11	TRANSFORMER, POWER	(AEP, UK, SP, MY, KR)
#4	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	(EXCEPT DB1080: AEP, UK)
#4	4-974-510-11	SCREW (+BV 3X8 CU) (DB1080: AEP, UK)	

7-7. CHASSIS SECTION-4



Ref. No.	Part No.	Description	Remark
301	A-4728-489-A	DIGITAL BOARD, COMPLETE (DA2ES)	
301	A-4728-506-A	DIGITAL BOARD, COMPLETE (DB1080: SP, MY)	
301	A-4728-516-A	DIGITAL BOARD, COMPLETE (DB1080: E)	
301	A-4728-523-A	DIGITAL BOARD, COMPLETE (DB1080: AEP, UK)	
301	A-4729-066-A	DIGITAL BOARD, COMPLETE (DB1080: KR)	
302	3-704-515-21	SCREW (BV/RING) (EXCEPT DB1080: AEP, UK)	
302	4-974-510-11	SCREW (+BV 3X8 CU) (DB1080: AEP, UK)	
303	3-704-515-11	SCREW (BV/RING) (EXCEPT DB1080: UK)	
303	3-704-515-51	SCREW (BV/RING) (DB1080: UK)	
304	4-947-010-01	SCREW, FEEDER FIXED	
#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	
#4	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	(EXCEPT DB1080: AEP, UK)
#4	4-974-510-11	SCREW (+BV 3X8 CU) (DB1080: AEP, UK)	

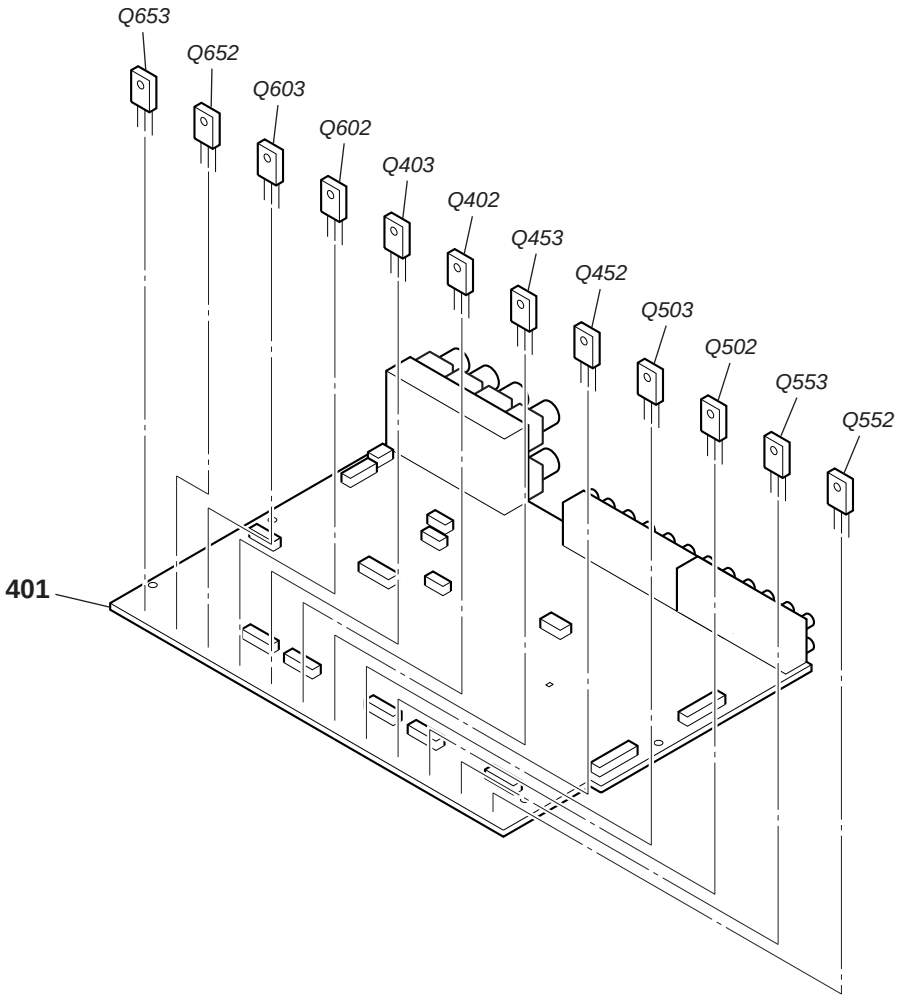
7-8. BIAS BOARD SECTION



Ref. No.	Part No.	Description	Remark
351	3-905-609-11	SCREW (TRANSISTOR)	
352	A-4728-471-A	BIAS BOARD, COMPLETE (DA2ES: US)	
352	A-4728-495-A	BIAS BOARD, COMPLETE (DA2ES: CND)	
352	A-4728-498-A	BIAS BOARD, COMPLETE (DB1080: SP, MY)	
352	A-4728-509-A	BIAS BOARD, COMPLETE (DB1080: E, KR)	
352	A-4728-519-A	BIAS BOARD, COMPLETE (DB1080: AEP, UK)	
353	1-685-267-11	MIX BOARD	

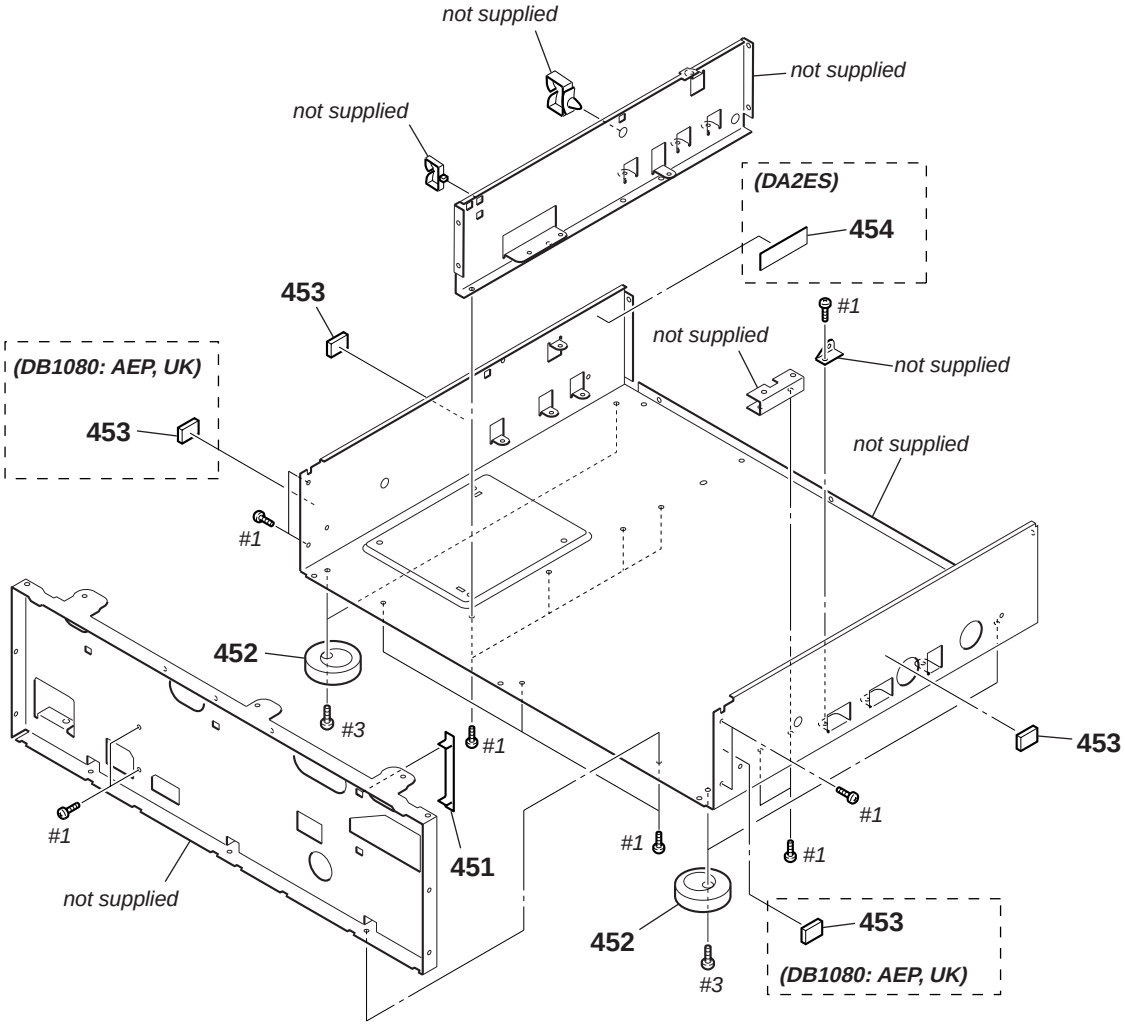
Ref. No.	Part No.	Description	Remark
Q431	8-729-026-08	TRANSISTOR 2SC4495	
Q491	8-729-026-08	TRANSISTOR 2SC4495	
Q531	8-729-026-08	TRANSISTOR 2SC4495	
Q581	8-729-026-08	TRANSISTOR 2SC4495	
Q631	8-729-026-08	TRANSISTOR 2SC4495	
Q681	8-729-026-08	TRANSISTOR 2SC4495	
#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	

7-9. MAIN BOARD SECTION



Ref. No.	Part No.	Description		Remark
401	A-4728-469-A	MAIN BOARD, COMPLETE (DA2ES: US)		
401	A-4728-494-A	MAIN BOARD, COMPLETE (DA2ES: CND)		
401	A-4728-497-A	MAIN BOARD, COMPLETE (DB1080: SP, MY)		
401	A-4728-508-A	MAIN BOARD, COMPLETE (DB1080: E, KR)		
401	A-4728-518-A	MAIN BOARD, COMPLETE (DB1080: AEP, UK)		
Q402	8-729-051-92	TRANSISTOR	2SD2560	
Q403	8-729-051-93	TRANSISTOR	2SB1647	
Q452	8-729-051-92	TRANSISTOR	2SD2560	
Q453	8-729-051-93	TRANSISTOR	2SB1647	
Q502	8-729-051-92	TRANSISTOR	2SD2560	
Q503	8-729-051-93	TRANSISTOR	2SB1647	
Q552	8-729-051-92	TRANSISTOR	2SD2560	
Q553	8-729-051-93	TRANSISTOR	2SB1647	
Q602	8-729-051-92	TRANSISTOR	2SD2560	
Q603	8-729-051-93	TRANSISTOR	2SB1647	
Q652	8-729-051-92	TRANSISTOR	2SD2560	
Q653	8-729-051-93	TRANSISTOR	2SB1647	

7-10. FOOT SECTION



Ref. No.	Part No.	Description	Remark
* 451	3-225-496-01	CLAMP (FLAT CLAMP 45)	
452	X-4953-882-2	FOOT ASSY (DB1080: BLACK, SILVER)	
452	X-4953-883-2	FOOT ASSY (DA2ES)	
452	X-4953-884-2	FOOT ASSY (DB1080: GOLD)	
453	4-985-642-01	CUSHION	
* 454	3-703-044-26	LABEL, CAUTION (DA2ES)	
#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	
#3	7-685-885-09	SCREW +BVTT 4X16 (S)	

SECTION 8
ELECTRICAL PARTS LIST

AC **BIAS**

NOTE:
- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
  All resistors are in ohms.
  METAL: Metal-film resistor.
  METAL OXIDE: Metal oxide-film resistor.
  F: nonflammable
- Abbreviation
  CND : Canadian model
  KR : Korean model
  MY : Malaysia model
  SP : Singapore model
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- SEMICONDUCTORS
  In each case, u: µ, for example:
  uA. . : µA. . uPA. . : µPA. .
  uPB. . : µPB. . uPC. . : µPC. .
  uPD. . : µPD. .
- CAPACITORS
  uF: µF
- COILS
  uH: µH

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiquens pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

When indicating parts by reference number, please include the board.

Ref. No.	Part No.	Description			Remark
	A-4728-480-A	AC BOARD, COMPLETE (DA2ES)			
	A-4728-511-A	AC BOARD, COMPLETE (DB1080: KR)			
	A-4728-515-A	AC BOARD, COMPLETE (DB1080: E)			
	A-4730-537-A	AC BOARD, COMPLETE (DB1080: AEP, UK)			
	A-4730-604-A	AC BOARD, COMPLETE (DB1080: SP, MY)			
		**********			
	1-533-217-41	HOLDER, FUSE			
		< CAPACITOR >			
⚠C3	1-117-703-11	CERAMIC	0.0047uF	99%	250V (DB1080: AEP, UK)
C51	1-126-927-11	ELECT	2200uF	20%	10V
C52	1-136-287-11	MYLAR	0.0047uF	5%	50V
C53	1-137-465-11	MYLAR	0.056uF	5%	50V
C54	1-126-767-11	ELECT	1000uF	20%	16V
C55	1-126-959-11	ELECT	0.47uF	20%	50V
C56	1-128-817-11	CERAMIC	470PF	5%	50V
		< CONNECTOR >			
* CN1	1-565-792-11	PIN, CONNECTOR (3.96mm PITCH) 2P			
CN2	1-564-321-00	PIN, CONNECTOR (3.96mm PITCH) 2P			
CN3	1-568-106-11	PIN, CONNECTOR (3.96mm PITCH) 4P			(DB1080: E)
		< AC OUTLET >			
⚠CNJ1	1-251-718-11	OUTLET (2 GANG) , AC (AC OUTLET)			(DA2ES/DB1080: E)
⚠CNJ1	1-785-285-11	OUTLET, AC (1P) (AC OUTLET)			(DB1080: AEP, UK, SP, MY)
		< DIODE >			
D51	8-719-911-19	DIODE 1SS119-25			
D52	8-719-911-19	DIODE 1SS119-25			
D53	8-719-911-19	DIODE 1SS119-25			
D54	8-719-210-21	DIODE 11EQS04			
D55	8-719-210-21	DIODE 11EQS04			
D56	8-719-210-21	DIODE 11EQS04			
D57	8-719-210-21	DIODE 11EQS04			
D58	8-719-024-99	DIODE 11ES2-NTA2B			
		< TERMINAL >			
* EB1	1-537-738-21	TERMINAL, EARTH (DA2ES)			
* EB51	1-537-738-21	TERMINAL, EARTH			

Ref. No.	Part No.	Description			Remark
		< TRANSISTOR >			
Q51	8-729-119-78	TRANSISTOR	2SC2785-HFE		
Q52	8-729-201-53	TRANSISTOR	2SA1015-GR		
Q53	8-729-116-02	TRANSISTOR	BA1A4M-TP		
Q54	8-729-119-78	TRANSISTOR	2SC2785-HFE		
		< RESISTOR >			
⚠R1	1-219-237-11	SOLID	3.3M	20%	1/2W (DA2ES)
R51	1-249-421-11	CARBON	2.2K	5%	1/4W
R52	1-249-429-11	CARBON	10K	5%	1/4W
R53	1-249-415-11	CARBON	680	5%	1/4W
R54	1-249-437-11	CARBON	47K	5%	1/4W
R55	1-249-435-11	CARBON	33K	5%	1/4W
R56	1-249-429-11	CARBON	10K	5%	1/4W
R57	1-249-429-11	CARBON	10K	5%	1/4W
R58	1-247-807-31	CARBON	100	5%	1/4W
		< RELAY >			
⚠RY1	1-755-439-11	RELAY			
		< TRANSFORMER >			
⚠T2	1-437-312-11	TRANSFORMER, POWER (DA2ES)			
⚠T2	1-437-313-11	TRANSFORMER, POWER(DB1080: SP, MY, KR)			
⚠T2	1-437-314-11	TRANSFORMER, POWER (DB1080: AEP, UK)			
⚠T2	1-437-313-21	TRANSFORMER, POWER (DB1080: E)			
**********					
	A-4728-471-A	BIAS BOARD, COMPLETE (DA2ES: US)			
	A-4728-495-A	BIAS BOARD, COMPLETE (DA2ES: CND)			
	A-4728-498-A	BIAS BOARD, COMPLETE (DB1080: SP, MY)			
	A-4728-509-A	BIAS BOARD, COMPLETE (DB1080: E, KR)			
	A-4728-519-A	BIAS BOARD, COMPLETE (DB1080: AEP, UK)			
		**********			
		< CAPACITOR >			
C431	1-126-947-11	ELECT	47uF	20%	16V (DA2ES)
C431	1-128-840-11	ELECT	47uF	20%	16V (DB1080: E, SP, MY, KR)
C431	1-135-708-11	ELECT	47uF		16V (DB1080: AEP, UK)
C432	1-128-813-11	CERAMIC	220PF	5%	50V
C433	1-136-153-00	FILM	0.01uF	5%	50V

BIAS

Ref. No.	Part No.	Description				Remark
C434	1-119-824-11	ELECT	10uF	20%	50V	(DB1080: AEP, UK)
C434	1-126-964-11	ELECT	10uF	20%	50V	(EXCEPT DB1080: AEP, UK)
C481	1-126-947-11	ELECT	47uF	20%	16V	(DA2ES)
C481	1-128-840-11	ELECT	47uF	20%	16V	(DB1080: E, SP, MY, KR)
C481	1-135-708-11	ELECT	47uF		16V	(DB1080: AEP, UK)
C482	1-128-813-11	CERAMIC	220PF	5%	50V	
C483	1-136-153-00	FILM	0.01uF	5%	50V	
C484	1-119-824-11	ELECT	10uF	20%	50V	(DB1080: AEP, UK)
C484	1-126-964-11	ELECT	10uF	20%	50V	(EXCEPT DB1080: AEP, UK)
C531	1-126-947-11	ELECT	47uF	20%	16V	(DA2ES)
C531	1-128-840-11	ELECT	47uF	20%	16V	(DB1080: E, SP, MY, KR)
C531	1-135-708-11	ELECT	47uF		16V	(DB1080: AEP, UK)
C532	1-128-813-11	CERAMIC	220PF	5%	50V	
C533	1-136-153-00	FILM	0.01uF	5%	50V	
C534	1-119-824-11	ELECT	10uF	20%	50V	(DB1080: AEP, UK)
C534	1-126-964-11	ELECT	10uF	20%	50V	(EXCEPT DB1080: AEP, UK)
C581	1-126-947-11	ELECT	47uF	20%	16V	(DA2ES)
C581	1-128-840-11	ELECT	47uF	20%	16V	(DB1080: E, SP, MY, KR)
C581	1-135-708-11	ELECT	47uF		16V	(DB1080: AEP, UK)
C582	1-128-813-11	CERAMIC	220PF	5%	50V	
C583	1-136-153-00	FILM	0.01uF	5%	50V	
C584	1-119-824-11	ELECT	10uF	20%	50V	(DB1080: AEP, UK)
C584	1-126-964-11	ELECT	10uF	20%	50V	(EXCEPT DB1080: AEP, UK)
C631	1-126-947-11	ELECT	47uF	20%	16V	(DA2ES)
C631	1-128-840-11	ELECT	47uF	20%	16V	(DB1080: E, SP, MY, KR)
C631	1-135-708-11	ELECT	47uF		16V	(DB1080: AEP, UK)
C632	1-128-813-11	CERAMIC	220PF	5%	50V	
C633	1-136-153-00	FILM	0.01uF	5%	50V	
C634	1-119-824-11	ELECT	10uF	20%	50V	(DB1080: AEP, UK)
C634	1-126-964-11	ELECT	10uF	20%	50V	(EXCEPT DB1080: AEP, UK)
C681	1-126-947-11	ELECT	47uF	20%	16V	(DA2ES)
C681	1-128-840-11	ELECT	47uF	20%	16V	(DB1080: E, SP, MY, KR)
C681	1-135-708-11	ELECT	47uF		16V	(DB1080: AEP, UK)
C682	1-128-813-11	CERAMIC	220PF	5%	50V	
C683	1-136-153-00	FILM	0.01uF	5%	50V	
C684	1-119-824-11	ELECT	10uF	20%	50V	(DB1080: AEP, UK)
C684	1-126-964-11	ELECT	10uF	20%	50V	(EXCEPT DB1080: AEP, UK)
C805	1-126-935-11	ELECT	470uF	20%	6.3V	(EXCEPT DB1080: AEP, UK)
C805	1-137-657-11	ELECT	470uF	20%	6.3V	(DB1080: AEP, UK)
C806	1-128-805-11	CERAMIC	47PF	5%	50V	
C807	1-126-965-11	ELECT	22uF	20%	50V	
C808	1-128-805-11	CERAMIC	47PF	5%	50V	
		< CONNECTOR >				
CN431	1-784-923-11	PIN, CONNECTOR 7P				
CN481	1-784-923-11	PIN, CONNECTOR 7P				
CN531	1-784-923-11	PIN, CONNECTOR 7P				
CN581	1-784-923-11	PIN, CONNECTOR 7P				
CN631	1-784-923-11	PIN, CONNECTOR 7P				
CN681	1-784-923-11	PIN, CONNECTOR 7P				
		< DIODE >				
D431	8-719-911-19	DIODE 1SS119-25				
D432	8-719-911-19	DIODE 1SS119-25				
D481	8-719-911-19	DIODE 1SS119-25				
D482	8-719-911-19	DIODE 1SS119-25				
D531	8-719-911-19	DIODE 1SS119-25				
D532	8-719-911-19	DIODE 1SS119-25				
D581	8-719-911-19	DIODE 1SS119-25				
D582	8-719-911-19	DIODE 1SS119-25				
D631	8-719-911-19	DIODE 1SS119-25				
D632	8-719-911-19	DIODE 1SS119-25				
D681	8-719-911-19	DIODE 1SS119-25				
D682	8-719-911-19	DIODE 1SS119-25				
D805	8-719-911-19	DIODE 1SS119-25				
D806	8-719-911-19	DIODE 1SS119-25				
D807	8-719-911-19	DIODE 1SS119-25				
D808	8-719-911-19	DIODE 1SS119-25				
D817	8-719-911-19	DIODE 1SS119-25				
		< IC >				
IC803	8-759-636-74	IC M5218AP-22				
		< TRANSISTOR >				
Q432	8-729-140-82	TRANSISTOR 2SA988-PAFAEA				
Q433	8-729-140-82	TRANSISTOR 2SA988-PAFAEA				
Q434	8-729-281-53	TRANSISTOR 2SC1815-GR				
Q482	8-729-140-82	TRANSISTOR 2SA988-PAFAEA				
Q483	8-729-140-82	TRANSISTOR 2SA988-PAFAEA				
Q484	8-729-281-53	TRANSISTOR 2SC1815-GR				
Q532	8-729-140-82	TRANSISTOR 2SA988-PAFAEA				
Q533	8-729-140-82	TRANSISTOR 2SA988-PAFAEA				
Q534	8-729-281-53	TRANSISTOR 2SC1815-GR				
Q582	8-729-140-82	TRANSISTOR 2SA988-PAFAEA				
Q583	8-729-140-82	TRANSISTOR 2SA988-PAFAEA				
Q584	8-729-281-53	TRANSISTOR 2SC1815-GR				
Q632	8-729-140-82	TRANSISTOR 2SA988-PAFAEA				
Q633	8-729-140-82	TRANSISTOR 2SA988-PAFAEA				
Q634	8-729-281-53	TRANSISTOR 2SC1815-GR				
Q682	8-729-140-82	TRANSISTOR 2SA988-PAFAEA				

BIAS

Ref. No.	Part No.	Description				Remark
Q683	8-729-140-82	TRANSISTOR	2SA988-PAFAEA			
Q684	8-729-281-53	TRANSISTOR	2SC1815-GR			
Q802	8-729-119-78	TRANSISTOR	2SC2785-HFE			
Q803	8-729-140-82	TRANSISTOR	2SA988-PAFAEA			
Q804	8-729-900-36	TRANSISTOR	DTC124ES			
Q805	8-729-140-84	TRANSISTOR	2SC1841-PAFAEA			
		< RESISTOR >				
R432	1-243-131-22	CARBON	4.7K	5%	1/4W	
						(DB1080: AEP, UK)
R432	1-249-425-11	CARBON	4.7K	5%	1/4W	
						(EXCEPT DB1080: AEP, UK)
R433	1-243-115-22	CARBON	1K	5%	1/4W	
						(DB1080: AEP, UK)
R433	1-249-417-11	CARBON	1K	5%	1/4W	
						(EXCEPT DB1080: AEP, UK)
R434	1-243-139-22	CARBON	10K	5%	1/4W	
						(DB1080: AEP, UK)
R434	1-249-429-11	CARBON	10K	5%	1/4W	
						(EXCEPT DB1080: AEP, UK)
⚠R435	1-240-855-11	CARBON	6.2K	5%	1/4W	F
R436	1-249-425-11	CARBON	4.7K	5%	1/4W	
R437	1-249-420-11	CARBON	1.8K	5%	1/4W	
R438	1-249-439-11	CARBON	68K	5%	1/4W	
R439	1-249-431-11	CARBON	15K	5%	1/4W	
R440	1-247-843-11	CARBON	3.3K	5%	1/4W	
						(DA2ES)
R440	1-249-421-11	CARBON	2.2K	5%	1/4W	
						(DB1080)
R441	1-249-433-11	CARBON	22K	5%	1/4W	
R442	1-249-431-11	CARBON	15K	5%	1/4W	
R443	1-249-437-11	CARBON	47K	5%	1/4W	
R444	1-249-437-11	CARBON	47K	5%	1/4W	
R445	1-249-433-11	CARBON	22K	5%	1/4W	
R482	1-243-131-22	CARBON	4.7K	5%	1/4W	
						(DB1080: AEP, UK)
R482	1-249-425-11	CARBON	4.7K	5%	1/4W	
						(EXCEPT DB1080: AEP, UK)
R483	1-243-115-22	CARBON	1K	5%	1/4W	
						(DB1080: AEP, UK)
R483	1-249-417-11	CARBON	1K	5%	1/4W	
						(EXCEPT DB1080: AEP, UK)
R484	1-243-139-22	CARBON	10K	5%	1/4W	
						(DB1080: AEP, UK)
R484	1-249-429-11	CARBON	10K	5%	1/4W	
						(EXCEPT DB1080: AEP, UK)
⚠R485	1-240-855-11	CARBON	6.2K	5%	1/4W	F
R486	1-249-425-11	CARBON	4.7K	5%	1/4W	
R487	1-249-420-11	CARBON	1.8K	5%	1/4W	
R488	1-249-439-11	CARBON	68K	5%	1/4W	
R489	1-249-431-11	CARBON	15K	5%	1/4W	
R490	1-247-843-11	CARBON	3.3K	5%	1/4W	
						(DA2ES)
R490	1-249-421-11	CARBON	2.2K	5%	1/4W	
						(DB1080)
R491	1-249-433-11	CARBON	22K	5%	1/4W	
R492	1-249-431-11	CARBON	15K	5%	1/4W	
R493	1-249-437-11	CARBON	47K	5%	1/4W	
R494	1-249-437-11	CARBON	47K	5%	1/4W	
R495	1-249-433-11	CARBON	22K	5%	1/4W	

Ref. No.	Part No.	Description				Remark
R532	1-243-131-22	CARBON	4.7K	5%	1/4W	
						(DB1080: AEP, UK)
R532	1-249-425-11	CARBON	4.7K	5%	1/4W	
						(EXCEPT DB1080: AEP, UK)
R533	1-243-115-22	CARBON	1K	5%	1/4W	
						(DB1080: AEP, UK)
R533	1-249-417-11	CARBON	1K	5%	1/4W	
						(EXCEPT DB1080: AEP, UK)
R534	1-243-139-22	CARBON	10K	5%	1/4W	
						(DB1080: AEP, UK)
R534	1-249-429-11	CARBON	10K	5%	1/4W	
						(EXCEPT DB1080: AEP, UK)
⚠R535	1-240-855-11	CARBON	6.2K	5%	1/4W	F
R536	1-249-425-11	CARBON	4.7K	5%	1/4W	
R537	1-249-420-11	CARBON	1.8K	5%	1/4W	
R538	1-249-439-11	CARBON	68K	5%	1/4W	
R539	1-249-431-11	CARBON	15K	5%	1/4W	
R540	1-247-843-11	CARBON	3.3K	5%	1/4W	
						(DA2ES)
R540	1-249-421-11	CARBON	2.2K	5%	1/4W	
						(DB1080)
R541	1-249-433-11	CARBON	22K	5%	1/4W	
R542	1-249-431-11	CARBON	15K	5%	1/4W	
R543	1-249-437-11	CARBON	47K	5%	1/4W	
R544	1-249-437-11	CARBON	47K	5%	1/4W	
R545	1-249-433-11	CARBON	22K	5%	1/4W	
R582	1-243-131-22	CARBON	4.7K	5%	1/4W	
						(DB1080: AEP, UK)
R582	1-249-425-11	CARBON	4.7K	5%	1/4W	
						(EXCEPT DB1080: AEP, UK)
R583	1-243-115-22	CARBON	1K	5%	1/4W	
						(DB1080: AEP, UK)
R583	1-249-417-11	CARBON	1K	5%	1/4W	
						(EXCEPT DB1080: AEP, UK)
R584	1-243-139-22	CARBON	10K	5%	1/4W	
						(DB1080: AEP, UK)
R584	1-249-429-11	CARBON	10K	5%	1/4W	
						(EXCEPT DB1080: AEP, UK)
⚠R585	1-240-855-11	CARBON	6.2K	5%	1/4W	F
R586	1-249-425-11	CARBON	4.7K	5%	1/4W	
R587	1-249-420-11	CARBON	1.8K	5%	1/4W	
R588	1-249-439-11	CARBON	68K	5%	1/4W	
R589	1-249-431-11	CARBON	15K	5%	1/4W	
R590	1-247-843-11	CARBON	3.3K	5%	1/4W	
						(DA2ES)
R590	1-249-421-11	CARBON	2.2K	5%	1/4W	
						(DB1080)
R591	1-249-433-11	CARBON	22K	5%	1/4W	
R592	1-249-431-11	CARBON	15K	5%	1/4W	
R593	1-249-437-11	CARBON	47K	5%	1/4W	
R594	1-249-437-11	CARBON	47K	5%	1/4W	
R595	1-249-433-11	CARBON	22K	5%	1/4W	
R632	1-243-131-22	CARBON	4.7K	5%	1/4W	
						(DB1080: AEP, UK)
R632	1-249-425-11	CARBON	4.7K	5%	1/4W	
						(EXCEPT DB1080: AEP, UK)
R633	1-243-115-22	CARBON	1K	5%	1/4W	
						(DB1080: AEP, UK)
R633	1-249-417-11	CARBON	1K	5%	1/4W	
						(EXCEPT DB1080: AEP, UK)

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

BIAS | **DC 1** | **DC 2**

Ref. No.	Part No.	Description			Remark
R634	1-243-139-22	CARBON	10K	5%	1/4W (DB1080: AEP, UK)
R634	1-249-429-11	CARBON	10K	5%	1/4W (EXCEPT DB1080: AEP, UK)
⚠R635	1-240-855-11	CARBON	6.2K	5%	1/4W F
R636	1-249-425-11	CARBON	4.7K	5%	1/4W
R637	1-249-420-11	CARBON	1.8K	5%	1/4W
R638	1-249-439-11	CARBON	68K	5%	1/4W
R639	1-249-431-11	CARBON	15K	5%	1/4W
R640	1-247-843-11	CARBON	3.3K	5%	1/4W (DA2ES)
R640	1-249-421-11	CARBON	2.2K	5%	1/4W (DB1080)
R641	1-249-433-11	CARBON	22K	5%	1/4W
R642	1-249-431-11	CARBON	15K	5%	1/4W
R643	1-249-437-11	CARBON	47K	5%	1/4W
R644	1-249-437-11	CARBON	47K	5%	1/4W
R645	1-249-433-11	CARBON	22K	5%	1/4W
R682	1-243-131-22	CARBON	4.7K	5%	1/4W (DB1080: AEP, UK)
R682	1-249-425-11	CARBON	4.7K	5%	1/4W (EXCEPT DB1080: AEP, UK)
R683	1-243-115-22	CARBON	1K	5%	1/4W (DB1080: AEP, UK)
R683	1-249-417-11	CARBON	1K	5%	1/4W (EXCEPT DB1080: AEP, UK)
R684	1-243-139-22	CARBON	10K	5%	1/4W (DB1080: AEP, UK)
R684	1-249-429-11	CARBON	10K	5%	1/4W (EXCEPT DB1080: AEP, UK)
⚠R685	1-240-855-11	CARBON	6.2K	5%	1/4W F
R686	1-249-425-11	CARBON	4.7K	5%	1/4W
R687	1-249-420-11	CARBON	1.8K	5%	1/4W
R688	1-249-439-11	CARBON	68K	5%	1/4W
R689	1-249-431-11	CARBON	15K	5%	1/4W
R690	1-247-843-11	CARBON	3.3K	5%	1/4W (DA2ES)
R690	1-249-421-11	CARBON	2.2K	5%	1/4W (DB1080)
R691	1-249-433-11	CARBON	22K	5%	1/4W
R692	1-249-431-11	CARBON	15K	5%	1/4W
R693	1-249-437-11	CARBON	47K	5%	1/4W
R694	1-249-437-11	CARBON	47K	5%	1/4W
R695	1-249-433-11	CARBON	22K	5%	1/4W
R801	1-249-433-11	CARBON	22K	5%	1/4W
R802	1-249-417-11	CARBON	1K	5%	1/4W
R803	1-249-435-11	CARBON	33K	5%	1/4W
R804	1-249-429-11	CARBON	10K	5%	1/4W
R805	1-249-429-11	CARBON	10K	5%	1/4W
R806	1-249-433-11	CARBON	22K	5%	1/4W
R807	1-249-429-11	CARBON	10K	5%	1/4W
R810	1-249-429-11	CARBON	10K	5%	1/4W
R811	1-247-895-00	CARBON	470K	5%	1/4W

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1-684-324-11 DC 1 BOARD
****

< CAPACITOR >

C915	1-137-666-12	ELECT	15000uF	20%	71V
C916	1-137-666-12	ELECT	15000uF	20%	71V
C917	1-136-196-11	MYLAR	0.033uF	10%	250V (DA2ES)
C917	1-137-350-11	MYLAR	0.015uF	10%	100V (DB1080)
C918	1-136-196-11	MYLAR	0.033uF	10%	250V (DA2ES)
C918	1-137-350-11	MYLAR	0.015uF	10%	100V (DB1080)
C919	1-104-999-11	MYLAR	0.1uF	10%	200V (DB1080)

< DIODE >

D914	8-719-505-60	DIODE S5VB60			

< RESISTOR >

⚠R913	1-249-407-11	CARBON	150	5%	1/4W F (DB1080)

****

A-4728-486-A DC 2 BOARD, COMPLETE (DA2ES: US)
A-4728-496-A DC 2 BOARD, COMPLETE (DA2ES: CND)
A-4728-502-A DC 2 BOARD, COMPLETE (DB1080: E, SP, MY, KR)
A-4728-521-A DC 2 BOARD, COMPLETE (DB1080: AEP, UK)
****

1-533-217-41 HOLDER, FUSE

< CAPACITOR >

C901	1-126-947-11	ELECT	47uF	20%	16V
C902	1-126-953-11	ELECT	2200uF	20%	35V (DA2ES)
C902	1-127-732-51	ELECT	2200uF	20%	35V (DB1080: E, SP, MY, KR)
C902	1-135-781-51	ELECT	2200uF		35V (DB1080: AEP, UK)
C903	1-126-952-11	ELECT	1000uF	20%	35V (DA2ES)
C903	1-127-731-51	ELECT	1000uF	20%	35V (DB1080: E, SP, MY, KR)
C903	1-135-780-51	ELECT	1000uF		35V (DB1080: AEP, UK)
C904	1-126-967-11	ELECT	47uF	20%	50V
C905	1-126-947-11	ELECT	47uF	20%	16V
C906	1-126-967-11	ELECT	47uF	20%	50V
C907	1-126-937-11	ELECT	4700uF	20%	16V (DA2ES)
C907	1-127-723-51	ELECT	4700uF	20%	16V (DB1080: E, SP, MY, KR)
C907	1-135-696-11	ELECT	4700uF		16V (DB1080: AEP, UK)
C908	1-126-767-11	ELECT	1000uF	20%	16V
C909	1-128-554-11	ELECT	330uF	20%	63V
C912	1-126-947-11	ELECT	47uF	20%	16V
C920	1-162-306-11	CERAMIC	0.01uF	30%	16V

< CONNECTOR >

CN902	1-784-923-11	PIN, CONNECTOR 7P
CN904	1-784-922-11	PIN, CONNECTOR 5P
CN905	1-785-101-11	PIN, CONNECTOR (3.96mm PITCH) 3P

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

DC 2 DIGITAL

Ref. No.	Part No.	Description				Remark
CN906	1-691-768-11	PLUG (MICRO CONNECTOR) 6P				
CN907	1-564-510-11	PLUG (MICRO CONNECTOR) 6P				
CN909	1-785-103-11	PIN, CONNECTOR (3.96mm PITCH) 5P				
		< DIODE >				
D901	8-719-109-89	DIODE RD5.6ESB2				
D902	8-719-983-95	DIODE MTZJ-T-72-39				
D903	8-719-024-99	DIODE 11ES2-NTA2B				
D904	8-719-024-99	DIODE 11ES2-NTA2B				
D905	8-719-024-99	DIODE 11ES2-NTA2B				
D906	8-719-024-99	DIODE 11ES2-NTA2B				
D907	8-719-118-63	DIODE RD5.6F-T7B2				
D908	8-719-510-53	DIODE D4SB60L				
D909	8-719-024-99	DIODE 11ES2-NTA2B				
D912	8-719-024-99	DIODE 11ES2-NTA2B				
D913	8-719-024-99	DIODE 11ES2-NTA2B				
		< TERMINAL >				
* EB902	1-537-738-21	TERMINAL, EARTH				
		< TRANSISTOR >				
Q902	8-729-041-38	TRANSISTOR	2SB1241-Q-TV2			
Q903	8-729-051-94	TRANSISTOR	2SD1863TV2			
Q904	8-729-119-76	TRANSISTOR	2SA1115-EF			
Q905	8-729-119-76	TRANSISTOR	2SA1115-EF			
		< RESISTOR >				
R902	1-249-433-11	CARBON	22K	5%	1/4W	
R903	1-249-421-11	CARBON	2.2K	5%	1/4W	
R904	1-249-429-11	CARBON	10K	5%	1/4W	
R905	1-249-429-11	CARBON	10K	5%	1/4W	
R906	1-249-421-11	CARBON	2.2K	5%	1/4W	
R908	1-249-429-11	CARBON	10K	5%	1/4W	
⚠R909	1-249-385-11	CARBON	2.2	5%	1/6W	F (DA2ES: US, DB1080)
⚠R909	1-212-974-00	FUSIBLE	47	5%	1/2W	F (DA2ES: CND)
⚠R910	1-249-385-11	CARBON	2.2	5%	1/6W	F (DA2ES: US, DB1080)
⚠R910	1-212-974-00	FUSIBLE	47	5%	1/2W	F (DA2ES: CND)
⚠R911	1-216-349-81	METAL OXIDE	1	5%	1W	F
⚠R912	1-216-349-81	METAL OXIDE	1	5%	1W	F
		< SWITCH >				
S901	1-771-876-11	SWITCH, POWER (IMPEDANCE SELECTOR)				

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Ref. No.	Part No.	Description				Remark
	A-4728-489-A	DIGITAL BOARD, COMPLETE (DA2ES)				
	A-4728-506-A	DIGITAL BOARD, COMPLETE(DB1080: SP, MY)				
	A-4728-516-A	DIGITAL BOARD, COMPLETE (DB1080: E)				
	A-4728-523-A	DIGITAL BOARD, COMPLETE				(DB1080: AEP, UK)
	A-4729-066-A	DIGITAL BOARD, COMPLETE (DB1080: KR)				
		**********				
*	3-309-144-21	HEAT SINK				
	7-685-872-09	SCREW +BVTT 3X8 (S)				
		< CAPACITOR >				
C1101	1-165-319-11	CERAMIC CHIP	0.1uF		50V	
C1102	1-126-947-11	ELECT	47uF	20%	16V	(EXCEPT DB1080: AEP, UK)
C1102	1-128-840-11	ELECT	47uF	20%	16V	(DB1080: AEP, UK)
C1103	1-119-824-11	ELECT	10uF	20%	50V	(DB1080: AEP, UK)
C1103	1-126-964-11	ELECT	10uF	20%	50V	(EXCEPT DB1080: AEP, UK)
C1104	1-119-823-11	ELECT	4.7uF	20%	50V	(DB1080: AEP, UK)
C1104	1-126-963-11	ELECT	4.7uF	20%	50V	(EXCEPT DB1080: AEP, UK)
C1105	1-163-133-00	CERAMIC CHIP	470PF	5%	50V	
C1106	1-119-823-11	ELECT	4.7uF	20%	50V	(DB1080: AEP, UK)
C1106	1-126-963-11	ELECT	4.7uF	20%	50V	(EXCEPT DB1080: AEP, UK)
C1107	1-119-824-11	ELECT	10uF	20%	50V	(DB1080: AEP, UK)
C1107	1-126-964-11	ELECT	10uF	20%	50V	(EXCEPT DB1080: AEP, UK)
C1108	1-163-133-00	CERAMIC CHIP	470PF	5%	50V	
C1109	1-126-947-11	ELECT	47uF	20%	16V	(EXCEPT DB1080: AEP, UK)
C1109	1-128-840-11	ELECT	47uF	20%	16V	(DB1080: AEP, UK)
C1110	1-165-319-11	CERAMIC CHIP	0.1uF		50V	
C1111	1-165-319-11	CERAMIC CHIP	0.1uF		50V	
C1112	1-165-319-11	CERAMIC CHIP	0.1uF		50V	
C1113	1-165-319-11	CERAMIC CHIP	0.1uF		50V	
C1114	1-163-125-00	CERAMIC CHIP	220PF	5%	50V	
C1115	1-163-125-00	CERAMIC CHIP	220PF	5%	50V	
C1116	1-165-319-11	CERAMIC CHIP	0.1uF		50V	
C1121	1-126-965-11	ELECT	22uF	20%	50V	(EXCEPT DB1080: AEP, UK)
C1121	1-128-858-11	ELECT	22uF	20%	50V	(DB1080: AEP, UK)
C1131	1-126-965-11	ELECT	22uF	20%	50V	(EXCEPT DB1080: AEP, UK)
C1131	1-128-858-11	ELECT	22uF	20%	50V	(DB1080: AEP, UK)
C1201	1-104-661-11	ELECT	330uF	20%	16V	(DA2ES)
C1201	1-128-846-11	ELECT	330uF	20%	16V	(DB1080: E, SP, MY, KR)
C1201	1-135-724-11	ELECT	330uF		16V	(DB1080: AEP, UK)
C1202	1-165-319-11	CERAMIC CHIP	0.1uF		50V	
C1203	1-165-319-11	CERAMIC CHIP	0.1uF		50V	

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Ref. No.	Part No.	Description			Remark
C1204	1-126-934-11	ELECT	220uF	20%	16V (DA2ES)
C1204	1-127-719-11	ELECT	220uF	20%	16V (DB1080: E, SP, MY, KR)
C1204	1-135-710-11	ELECT	220uF		16V (DB1080: AEP, UK)
C1206	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1207	1-119-824-11	ELECT	10uF	20%	50V (DB1080: E, SP, MY, KR)
C1207	1-126-964-11	ELECT	10uF	20%	50V (DA2ES)
C1207	1-135-743-11	ELECT	10uF		50V (DB1080: AEP, UK)
C1209	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1210	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1211	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1212	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1213	1-119-824-11	ELECT	10uF	20%	50V (DB1080: E, SP, MY, KR)
C1213	1-126-964-11	ELECT	10uF	20%	50V (DA2ES)
C1213	1-135-743-11	ELECT	10uF		50V (DB1080: AEP, UK)
C1214	1-115-339-11	CERAMIC CHIP	0.1uF	10%	50V
C1222	1-163-012-00	CERAMIC CHIP	0.0018uF	5%	50V
C1223	1-163-257-11	CERAMIC CHIP	180PF	5%	50V
C1224	1-126-965-11	ELECT	22uF	20%	50V (DA2ES)
C1224	1-128-858-11	ELECT	22uF	20%	50V (DB1080: E, SP, MY, KR)
C1224	1-135-744-11	ELECT	22uF		50V (DB1080: AEP, UK)
C1232	1-163-012-00	CERAMIC CHIP	0.0018uF	5%	50V
C1233	1-163-257-11	CERAMIC CHIP	180PF	5%	50V
C1234	1-126-965-11	ELECT	22uF	20%	50V (DA2ES)
C1234	1-128-858-11	ELECT	22uF	20%	50V (DB1080: E, SP, MY, KR)
C1234	1-135-744-11	ELECT	22uF		50V (DB1080: AEP, UK)
C1242	1-163-012-00	CERAMIC CHIP	0.0018uF	5%	50V
C1243	1-163-257-11	CERAMIC CHIP	180PF	5%	50V
C1244	1-126-965-11	ELECT	22uF	20%	50V (DA2ES)
C1244	1-128-858-11	ELECT	22uF	20%	50V (DB1080: E, SP, MY, KR)
C1244	1-135-744-11	ELECT	22uF		50V (DB1080: AEP, UK)
C1252	1-163-012-00	CERAMIC CHIP	0.0018uF	5%	50V
C1253	1-163-257-11	CERAMIC CHIP	180PF	5%	50V
C1254	1-126-965-11	ELECT	22uF	20%	50V (DA2ES)
C1254	1-128-858-11	ELECT	22uF	20%	50V (DB1080: E, SP, MY, KR)
C1254	1-135-744-11	ELECT	22uF		50V (DB1080: AEP, UK)
C1262	1-163-012-00	CERAMIC CHIP	0.0018uF	5%	50V
C1263	1-163-257-11	CERAMIC CHIP	180PF	5%	50V
C1264	1-126-965-11	ELECT	22uF	20%	50V (DA2ES)
C1264	1-128-858-11	ELECT	22uF	20%	50V (DB1080: E, SP, MY, KR)
C1264	1-135-744-11	ELECT	22uF		50V (DB1080: AEP, UK)
C1272	1-163-012-00	CERAMIC CHIP	0.0018uF	5%	50V
C1273	1-163-257-11	CERAMIC CHIP	180PF	5%	50V
C1274	1-126-965-11	ELECT	22uF	20%	50V (DA2ES)
C1274	1-128-858-11	ELECT	22uF	20%	50V (DB1080: E, SP, MY, KR)
C1274	1-135-744-11	ELECT	22uF		50V (DB1080: AEP, UK)
C1282	1-163-012-00	CERAMIC CHIP	0.0018uF	5%	50V
C1283	1-163-257-11	CERAMIC CHIP	180PF	5%	50V
C1284	1-126-965-11	ELECT	22uF	20%	50V (DA2ES)
C1284	1-128-858-11	ELECT	22uF	20%	50V (DB1080: E, SP, MY, KR)
C1284	1-135-744-11	ELECT	22uF		50V (DB1080: AEP, UK)
C1302	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C1303					
C1306	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1307	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1308	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1309	1-126-933-11	ELECT	100uF	20%	16V
C1310	1-126-933-11	ELECT	100uF	20%	16V (DB1080: AEP, UK)
C1311	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1401	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C1402	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1403	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1404	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1405	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1406	1-126-967-11	ELECT	47uF	20%	50V (DA2ES)
C1406	1-128-860-11	ELECT	47uF	20%	50V (DB1080: E, SP, MY, KR)
C1406	1-135-746-11	ELECT	47uF		50V (DB1080: AEP, UK)
C1409	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1410	1-126-916-11	ELECT	1000uF	20%	6.3V (DA2ES)
C1410	1-135-656-11	ELECT	1000uF		6.3V (DB1080: AEP, UK)
C1410	1-137-658-11	ELECT	1000uF	20%	6.3V (DB1080: E, SP, MY, KR)
C1411	1-119-824-11	ELECT	10uF	20%	50V (DB1080: E, SP, MY, KR)
C1411	1-126-964-11	ELECT	10uF	20%	50V (DA2ES)
C1411	1-135-743-11	ELECT	10uF		50V (DB1080: AEP, UK)
C1412	1-104-760-11	CERAMIC CHIP	0.047uF	10%	50V
C1413	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1414	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1415	1-164-505-11	CERAMIC CHIP	2.2uF		16V
C1416	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C1417	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1418	1-126-933-11	ELECT	100uF	20%	16V (DA2ES)

DIGITAL

Ref. No.	Part No.	Description			Remark
C1418	1-127-718-11	ELECT	100uF	20%	16V
					(DB1080: E, SP, MY, KR)
C1418	1-135-709-11	ELECT	100uF		16V
					(DB1080: AEP, UK)
C1419	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1420	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C1421	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1422	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1423	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1424	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1425	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C1426	1-126-947-11	ELECT	47uF	20%	16V
					(DA2ES)
C1426	1-128-840-11	ELECT	47uF	20%	16V
					(DB1080: E, SP, MY, KR)
C1426	1-135-708-11	ELECT	47uF		16V
					(DB1080: AEP, UK)
C1427	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1428	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1429	1-163-231-11	CERAMIC CHIP	15PF	5%	50V
C1430	1-163-229-11	CERAMIC CHIP	12PF	5%	50V
C1431	1-104-661-11	ELECT	330uF	20%	16V
					(DA2ES)
C1431	1-128-846-11	ELECT	330uF	20%	16V
					(DB1080: E, SP, MY, KR)
C1431	1-135-724-11	ELECT	330uF		16V
					(DB1080: AEP, UK)
C1432	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1434	1-163-133-00	CERAMIC CHIP	470PF	5%	50V
C1435	1-119-822-11	ELECT	3.3uF	20%	50V
					(DB1080: E, SP, MY, KR)
C1435	1-126-962-11	ELECT	3.3uF	20%	50V
					(DA2ES)
C1435	1-135-741-11	ELECT	3.3uF		50V
					(DB1080: AEP, UK)
C1436	1-126-947-11	ELECT	47uF	20%	16V
C1501	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1502	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1503	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1504	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1505	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1506	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1507	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1510	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1511	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1512	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1513	1-126-924-11	ELECT	330uF	20%	10V
					(DA2ES)
C1513	1-128-833-11	ELECT	330uF		10V
					(DB1080)
C1514	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1515	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1516	1-126-935-11	ELECT	470uF	20%	16V
					(DA2ES)
C1516	1-127-720-11	ELECT	470uF	20%	16V
					(DB1080: E, SP, MY, KR)
C1516	1-135-711-11	ELECT	470uF		16V
					(DB1080: AEP, UK)
C1517	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1518	1-165-319-11	CERAMIC CHIP	0.1uF		50V

Ref. No.	Part No.	Description			Remark
C1519	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1520	1-163-235-11	CERAMIC CHIP	22PF	5%	50V
C1521	1-163-233-11	CERAMIC CHIP	18PF	5%	50V
C1601	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1602	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1603	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1604	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1605	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1606	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1607	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1608	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1609	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1610	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1611	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1612	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1613	1-126-924-11	ELECT	330uF	20%	10V
					(DA2ES)
C1613	1-128-833-11	ELECT	330uF		10V
					(DB1080)
C1614	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1615	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1616	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1617	1-126-935-11	ELECT	470uF	20%	16V
					(DA2ES)
C1617	1-127-720-11	ELECT	470uF	20%	16V
					(DB1080: E, SP, MY, KR)
C1617	1-135-711-11	ELECT	470uF		16V
					(DB1080: AEP, UK)
C1618	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1619	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1701	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1702	1-163-125-00	CERAMIC CHIP	220PF	5%	50V
C1703	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C1705	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1706	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1707	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1708	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1709	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1710	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1711	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1712	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1713	1-126-947-11	ELECT	47uF	20%	16V
C1714	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1715	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1716	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1717	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1718	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1719	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1720	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C1721	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1722	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1723	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1724	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1725	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1726	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1727	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1728	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1801	1-126-935-11	ELECT	470uF	20%	16V

Ref. No.	Part No.	Description			Remark
C1802	1-126-935-11	ELECT	470uF	20%	16V (DA2ES)
C1802	1-127-720-11	ELECT	470uF	20%	16V (DB1080: E, SP, MY, KR)
C1802	1-135-711-11	ELECT	470uF		16V (DB1080: AEP, UK)
C1803	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C1804	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C1805	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C1807	1-126-935-11	ELECT	470uF	20%	16V
C1808	1-126-935-11	ELECT	470uF	20%	16V
C1809	1-126-935-11	ELECT	470uF	20%	16V (DA2ES)
C1809	1-127-720-11	ELECT	470uF	20%	16V (DB1080: E, SP, MY, KR)
C1809	1-135-711-11	ELECT	470uF		16V (DB1080: AEP, UK)
C1810	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C1811	1-126-767-11	ELECT	1000uF	20%	16V (DA2ES)
C1811	1-135-712-51	ELECT	1000uF		63V (DB1080: AEP, UK)
C1811	1-135-835-11	ELECT	1000uF		16V (DB1080: E, SP, MY, KR)
C1812	1-126-918-51	ELECT	4700uF	20%	6.3V (DA2ES)
C1812	1-137-661-11	ELECT	4700uF	20%	6.3V (DB1080: E, SP, MY, KR)
C1812	1-137-661-51	ELECT	4700uF		6.3V (DB1080: AEP, UK)
C1814	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C1815	1-126-767-11	ELECT	1000uF	20%	16V (DA2ES)
C1815	1-135-712-51	ELECT	1000uF		63V (DB1080: AEP, UK)
C1815	1-135-835-11	ELECT	1000uF		16V (DB1080: E, SP, MY, KR)
C1817	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1818	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1819	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1820	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1824	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C1825	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C1826	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C1827	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C1828	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1829	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1830	1-126-935-11	ELECT	470uF	20%	16V (DA2ES)
C1831	1-163-251-11	CERAMIC CHIP	100PF	5%	50V (DA2ES)
C1832	1-165-319-11	CERAMIC CHIP	0.1uF		50V (DA2ES)
		< CONNECTOR >			
CN1101	1-784-753-11	CONNECTOR, FFC 31P			
CN1102	1-569-815-11	CONNECTOR, BOARD TO BOARD 21P			
CN1103	1-569-815-11	CONNECTOR, BOARD TO BOARD 21P			
CN1104	1-569-324-11	SOCKET, CONNECTOR 21P (DA2ES)			
CN1104	1-569-321-11	SOCKET, CONNECTOR 15P (DB1080)			
CN1105	1-569-060-11	SOCKET, CONNECTOR 11P (EXCEPT DB1080: AEP, UK)			
CN1105	1-569-321-11	SOCKET, CONNECTOR 15P (DB1080: AEP, UK)			
CN1106	1-784-924-11	PIN, CONNECTOR 8P			
CN1107	1-784-923-11	PIN, CONNECTOR 7P			
CN1108	1-691-765-11	PLUG (MICRO CONNECTOR) 3P			
CN1109	1-564-506-21	PLUG, CONNECTOR 3P			
CN1110	1-779-978-11	PIN, CONNECTOR 3P			
		< DIODE >			
D1401	8-719-988-61	DIODE 1SS355TE-17			
D1402	8-719-988-61	DIODE 1SS355TE-17			
D1403	8-719-988-61	DIODE 1SS355TE-17			
D1701	8-719-988-61	DIODE 1SS355TE-17			
D1702	8-719-988-61	DIODE 1SS355TE-17			
D1703	8-719-801-78	DIODE 1SS184			
D1802	8-719-988-61	DIODE 1SS355TE-17			
D1803	8-719-053-18	DIODE 1SR154-400TE-25			
		< TERMINAL >			
* EB1801	1-537-738-21	TERMINAL, EARTH			
		< FERRITE BEAD/SHORT >			
FB1102	1-469-152-11	FERRITE 0uH			
FB1201	1-469-152-11	FERRITE 0uH			
FB1202	1-469-152-11	FERRITE 0uH			
FB1302	1-469-152-11	FERRITE 0uH			
FB1401	1-469-152-11	FERRITE 0uH			
FB1402	1-216-295-11	SHORT CHIP 0			
FB1403	1-469-152-11	FERRITE 0uH			
FB1404	1-469-152-11	FERRITE 0uH			
FB1405	1-469-139-21	FERRITE 0uH			
FB1406	1-469-144-21	FERRITE 0uH			
FB1407	1-469-144-21	FERRITE 0uH			
FB1408	1-469-152-11	FERRITE 0uH			
FB1501	1-216-295-11	SHORT CHIP 0			
FB1502	1-469-152-11	FERRITE 0uH			
FB1601	1-469-139-21	FERRITE 0uH			
FB1602	1-216-295-11	SHORT CHIP 0			
FB1603	1-469-152-11	FERRITE 0uH			
FB1604	1-469-144-21	FERRITE 0uH			
FB1703	1-469-152-11	FERRITE 0uH			
FB1801	1-469-152-11	FERRITE 0uH			
FB1802	1-469-152-11	FERRITE 0uH			
* FB1803	1-469-670-21	FERRITE 0uH			
		< IC >			
IC1101	8-759-560-56	IC PCM1800E/2K			
IC1102	8-759-636-55	IC M5218AFP			
IC1201	8-759-825-12	IC PCM1604Y/2K			
IC1202	8-759-825-13	IC PCM1748E/2K			
IC1221	8-759-636-55	IC M5218AFP			
IC1241	8-759-636-55	IC M5218AFP			
IC1261	8-759-636-55	IC M5218AFP			
IC1281	8-759-636-55	IC M5218AFP			
IC1301	8-759-604-32	IC M5F7810L			
IC1302	8-759-445-59	IC BA033T (DB1080: AEP, UK)			

DIGITAL

Ref. No.	Part No.	Description	Remark
IC1401	6-600-014-01	IC TORX141L (DIGITAL (ASSIGNABLE) DVD/LD OPTICAL IN)	
IC1402	6-600-014-01	IC TORX141L (DIGITAL (ASSIGNABLE) TV/SAT OPTICAL IN)	
IC1403	6-600-014-01	IC TORX141L (DIGITAL (ASSIGNABLE) MD/DAT OPTICAL IN)	
IC1404	6-600-012-11	IC TOTX141L (RED) (DIGITAL (ASSIGNABLE) MD/DAT OPTICAL OUT)	
IC1405	8-759-242-70	IC TC7WU04F	
IC1406	8-759-926-17	IC SN74HC153ANS	
IC1407	8-759-546-74	IC TC7WH157FU (TE12R)	
IC1408	8-759-825-15	IC LC89056W-E	
IC1409	8-759-447-77	IC TC7WH74FU (TE12R)	
IC1410	8-759-242-70	IC TC7WU04F	
IC1501	6-702-047-01	IC CXD9718Q	
IC1503	8-759-546-74	IC TC7WH157FU (TE12R)	
IC1601	6-702-092-01	IC CXD9616BR	
IC1602	8-759-538-16	IC IDT71V016S15PH-AUTL	
IC1701	8-759-641-86	IC BR24C16F-E2	
IC1702	6-702+913-01	IC S-80929CNMC-G8Z-T2	
IC1703	6-801-434-01	IC MB91154PFV-G-108-BNDE1	
IC1801	8-759-450-47	IC BA05T	
IC1802	8-759-445-59	IC BA033T	
IC1803	8-759-450-47	IC BA05T	
IC1804	8-759-445-59	IC BA033T	
IC1805	6-700-798-11	IC uPC2926T-1-E1	
IC1806	8-759-445-59	IC BA033T	
IC1807	8-759-231-53	IC TA7805S	
IC1808	8-759-231-53	IC TA7805S	
IC1809	8-759-604-86	IC M5F7807L (DA2ES)	
		< JACK >	
J1401	1-778-228-11	JACK, PIN 1P (DIGITAL (ASSIGNABLE) DVD/LD COAXIAL IN)	
		< SHORT >	
JW1001	1-211-950-11	SHORT CHIP 0	
JW1002	1-216-296-11	SHORT CHIP 0	
JW1003	1-216-296-11	SHORT CHIP 0	
JW1004	1-216-296-11	SHORT CHIP 0	
JW1005	1-216-296-11	SHORT CHIP 0	
JW1006	1-216-296-11	SHORT CHIP 0	
JW1007	1-216-295-11	SHORT CHIP 0	
JW1008	1-216-296-11	SHORT CHIP 0	
JW1009	1-211-950-11	SHORT CHIP 0	
JW1010	1-216-295-11	SHORT CHIP 0	
JW1011	1-216-296-11	SHORT CHIP 0	
JW1101	1-216-295-11	SHORT CHIP 0(EXCEPT DB1080: AEP, UK)	
JW1102	1-216-295-11	SHORT CHIP 0(EXCEPT DB1080: AEP, UK)	
JW1103	1-216-295-11	SHORT CHIP 0(EXCEPT DB1080: AEP, UK)	
JW1104	1-216-295-11	SHORT CHIP 0 (DB1080)	
JW1105	1-216-295-11	SHORT CHIP 0 (DB1080)	
JW1110	1-216-295-11	SHORT CHIP 0	
JW1301	1-216-295-11	SHORT CHIP 0(EXCEPT DB1080: AEP, UK)	
JW1813	1-216-295-11	SHORT CHIP 0	

Ref. No.	Part No.	Description	Remark
		< TRANSISTOR >	
Q1403	8-729-027-43	TRANSISTOR DTC114EKA-T146	
Q1404	8-729-027-43	TRANSISTOR DTC114EKA-T146	
Q1701	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q1702	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q1703	8-729-027-43	TRANSISTOR DTC114EKA-T146	
Q1704	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q1705	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q1801	8-729-140-93	TRANSISTOR 2SB733-34	
Q1802	8-729-027-43	TRANSISTOR DTC114EKA-T146	
Q1803	8-729-140-93	TRANSISTOR 2SB733-34	
Q1804	8-729-027-43	TRANSISTOR DTC114EKA-T146	
Q1805	8-729-140-93	TRANSISTOR 2SB733-34 (DA2ES)	
Q1806	8-729-027-43	TRANSISTOR DTC114EKA-T146 (DA2ES)	
Q1810	8-729-209-15	TRANSISTOR 2SD2012	
Q1811	8-729-140-93	TRANSISTOR 2SB733-34	
Q1812	8-729-027-43	TRANSISTOR DTC114EKA-T146	
		< RESISTOR >	
R1101	1-216-049-11	RES-CHIP 1K 5% 1/10W	
R1102	1-216-057-00	METAL CHIP 2.2K 5% 1/10W	
R1121	1-216-085-00	RES-CHIP 33K 5% 1/10W	
R1122	1-216-085-00	RES-CHIP 33K 5% 1/10W	
R1124	1-216-097-11	RES-CHIP 100K 5% 1/10W	
R1131	1-216-085-00	RES-CHIP 33K 5% 1/10W	
R1132	1-216-085-00	RES-CHIP 33K 5% 1/10W	
R1134	1-216-097-11	RES-CHIP 100K 5% 1/10W	
R1201	1-216-025-11	RES-CHIP 100 5% 1/10W	
R1202	1-216-025-11	RES-CHIP 100 5% 1/10W	
R1203	1-216-025-11	RES-CHIP 100 5% 1/10W	
R1204	1-216-073-00	RES-CHIP 10K 5% 1/10W	
R1205	1-216-025-11	RES-CHIP 100 5% 1/10W	
R1206	1-216-025-11	RES-CHIP 100 5% 1/10W	
R1212	1-216-025-11	RES-CHIP 100 5% 1/10W	
R1220	1-216-071-00	METAL CHIP 8.2K 5% 1/10W (EXCEPT DB1080: AEP, UK)	
R1220	1-216-673-11	METAL CHIP 8.2K 0.5% 1/10W (DB1080: AEP, UK)	
R1221	1-216-053-00	METAL CHIP 1.5K 5% 1/10W (EXCEPT DB1080: AEP, UK)	
R1221	1-216-655-11	METAL CHIP 1.5K 0.5% 1/10W (DB1080: AEP, UK)	
R1222	1-208-518-41	RES-CHIP 22K 2% 1/10W (DB1080: AEP, UK)	
R1222	1-216-081-00	METAL CHIP 22K 5% 1/10W (EXCEPT DB1080: AEP, UK)	
R1223	1-216-033-00	METAL CHIP 220 5% 1/10W (EXCEPT DB1080: AEP, UK)	
R1223	1-216-635-11	METAL CHIP 220 0.5% 1/10W (DB1080: AEP, UK)	
R1224	1-216-097-11	RES-CHIP 100K 5% 1/10W (EXCEPT DB1080: AEP, UK)	
R1224	1-216-699-11	METAL CHIP 100K 0.5% 1/10W (DB1080: AEP, UK)	
R1230	1-216-071-00	METAL CHIP 8.2K 5% 1/10W (EXCEPT DB1080: AEP, UK)	
R1230	1-216-673-11	METAL CHIP 8.2K 0.5% 1/10W (DB1080: AEP, UK)	

DIGITAL

Ref. No.	Part No.	Description			Remark
R1231	1-216-053-00	METAL CHIP	1.5K	5%	1/10W
			(EXCEPT DB1080: AEP, UK)		
R1231	1-216-655-11	METAL CHIP	1.5K	0.5%	1/10W
			(DB1080: AEP, UK)		
R1232	1-208-518-41	RES-CHIP	22K	2%	1/10W
			(DB1080: AEP, UK)		
R1232	1-216-081-00	METAL CHIP	22K	5%	1/10W
			(EXCEPT DB1080: AEP, UK)		
R1233	1-216-033-00	METAL CHIP	220	5%	1/10W
			(EXCEPT DB1080: AEP, UK)		
R1233	1-216-635-11	METAL CHIP	220	0.5%	1/10W
			(DB1080: AEP, UK)		
R1234	1-216-097-11	RES-CHIP	100K	5%	1/10W
			(EXCEPT DB1080: AEP, UK)		
R1234	1-216-699-11	METAL CHIP	100K	0.5%	1/10W
			(DB1080: AEP, UK)		
R1240	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
			(EXCEPT DB1080: AEP, UK)		
R1240	1-216-673-11	METAL CHIP	8.2K	0.5%	1/10W
			(DB1080: AEP, UK)		
R1241	1-216-053-00	METAL CHIP	1.5K	5%	1/10W
			(EXCEPT DB1080: AEP, UK)		
R1241	1-216-655-11	METAL CHIP	1.5K	0.5%	1/10W
			(DB1080: AEP, UK)		
R1242	1-208-518-41	RES-CHIP	22K	2%	1/10W
			(DB1080: AEP, UK)		
R1242	1-216-081-00	METAL CHIP	22K	5%	1/10W
			(EXCEPT DB1080: AEP, UK)		
R1243	1-216-033-00	METAL CHIP	220	5%	1/10W
			(EXCEPT DB1080: AEP, UK)		
R1243	1-216-635-11	METAL CHIP	220	0.5%	1/10W
			(DB1080: AEP, UK)		
R1244	1-216-097-11	RES-CHIP	100K	5%	1/10W
			(EXCEPT DB1080: AEP, UK)		
R1244	1-216-699-11	METAL CHIP	100K	0.5%	1/10W
			(DB1080: AEP, UK)		
R1250	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
			(EXCEPT DB1080: AEP, UK)		
R1250	1-216-673-11	METAL CHIP	8.2K	0.5%	1/10W
			(DB1080: AEP, UK)		
R1251	1-216-053-00	METAL CHIP	1.5K	5%	1/10W
			(EXCEPT DB1080: AEP, UK)		
R1251	1-216-655-11	METAL CHIP	1.5K	0.5%	1/10W
			(DB1080: AEP, UK)		
R1252	1-208-518-41	RES-CHIP	22K	2%	1/10W
			(DB1080: AEP, UK)		
R1252	1-216-081-00	METAL CHIP	22K	5%	1/10W
			(EXCEPT DB1080: AEP, UK)		
R1253	1-216-033-00	METAL CHIP	220	5%	1/10W
			(EXCEPT DB1080: AEP, UK)		
R1253	1-216-635-11	METAL CHIP	220	0.5%	1/10W
			(DB1080: AEP, UK)		
R1254	1-216-097-11	RES-CHIP	100K	5%	1/10W
			(EXCEPT DB1080: AEP, UK)		
R1254	1-216-699-11	METAL CHIP	100K	0.5%	1/10W
			(DB1080: AEP, UK)		
R1260	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
			(EXCEPT DB1080: AEP, UK)		
R1260	1-216-673-11	METAL CHIP	8.2K	0.5%	1/10W
			(DB1080: AEP, UK)		
R1261	1-216-053-00	METAL CHIP	1.5K	5%	1/10W
			(EXCEPT DB1080: AEP, UK)		
R1261	1-216-655-11	METAL CHIP	1.5K	0.5%	1/10W
			(DB1080: AEP, UK)		
R1262	1-208-518-41	RES-CHIP	22K	2%	1/10W
			(DB1080: AEP, UK)		
R1262	1-216-081-00	METAL CHIP	22K	5%	1/10W
			(EXCEPT DB1080: AEP, UK)		
R1263	1-216-033-00	METAL CHIP	220	5%	1/10W
			(EXCEPT DB1080: AEP, UK)		
R1263	1-216-635-11	METAL CHIP	220	0.5%	1/10W
			(DB1080: AEP, UK)		
R1264	1-216-097-11	RES-CHIP	100K	5%	1/10W
			(EXCEPT DB1080: AEP, UK)		
R1264	1-216-699-11	METAL CHIP	100K	0.5%	1/10W
			(DB1080: AEP, UK)		
R1270	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
			(EXCEPT DB1080: AEP, UK)		
R1270	1-216-673-11	METAL CHIP	8.2K	0.5%	1/10W
			(DB1080: AEP, UK)		
R1271	1-216-053-00	METAL CHIP	1.5K	5%	1/10W
			(EXCEPT DB1080: AEP, UK)		
R1271	1-216-655-11	METAL CHIP	1.5K	0.5%	1/10W
			(DB1080: AEP, UK)		
R1272	1-208-518-41	RES-CHIP	22K	2%	1/10W
			(DB1080: AEP, UK)		
R1272	1-216-081-00	METAL CHIP	22K	5%	1/10W
			(EXCEPT DB1080: AEP, UK)		
R1273	1-216-033-00	METAL CHIP	220	5%	1/10W
			(EXCEPT DB1080: AEP, UK)		
R1273	1-216-635-11	METAL CHIP	220	0.5%	1/10W
			(DB1080: AEP, UK)		
R1274	1-216-097-11	RES-CHIP	100K	5%	1/10W
			(EXCEPT DB1080: AEP, UK)		
R1274	1-216-699-11	METAL CHIP	100K	0.5%	1/10W
			(DB1080: AEP, UK)		
R1280	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
			(EXCEPT DB1080: AEP, UK)		
R1280	1-216-673-11	METAL CHIP	8.2K	0.5%	1/10W
			(DB1080: AEP, UK)		
R1281	1-216-053-00	METAL CHIP	1.5K	5%	1/10W
			(EXCEPT DB1080: AEP, UK)		
R1281	1-216-655-11	METAL CHIP	1.5K	0.5%	1/10W
			(DB1080: AEP, UK)		
R1282	1-208-518-41	RES-CHIP	22K	2%	1/10W
			(DB1080: AEP, UK)		
R1282	1-216-081-00	METAL CHIP	22K	5%	1/10W
			EXCEPT DB1080: AEP, UK)		
R1283	1-216-033-00	METAL CHIP	220	5%	1/10W
			(EXCEPT DB1080: AEP, UK)		
R1283	1-216-635-11	METAL CHIP	220	0.5%	1/10W
			DB1080: AEP, UK)		
R1284	1-216-097-11	RES-CHIP	100K	5%	1/10W
			(EXCEPT DB1080: AEP, UK)		
R1284	1-216-699-11	METAL CHIP	100K	0.5%	1/10W
			(DB1080: AEP, UK)		
R1301	1-216-298-00	METAL CHIP	2.2	5%	1/10W
R1303	1-216-089-11	RES-CHIP	47K	5%	1/10W
R1304	1-216-089-11	RES-CHIP	47K	5%	1/10W
R1308	1-216-025-11	RES-CHIP	100	5%	1/10W
			(DB1080: AEP, UK)		
R1401	1-216-022-00	METAL CHIP	75	5%	1/10W
R1402	1-216-295-11	SHORT CHIP	0		
R1403	1-216-041-00	METAL CHIP	470	5%	1/10W

DIGITAL

Ref. No.	Part No.	Description			Remark
R1404	1-216-113-00	METAL CHIP	470K	5%	1/10W
R1405	1-216-295-11	SHORT CHIP	0		
R1406	1-216-295-11	SHORT CHIP	0		
R1407	1-216-295-11	SHORT CHIP	0		
R1408	1-216-295-11	SHORT CHIP	0		
R1409	1-216-089-11	RES-CHIP	47K	5%	1/10W
R1410	1-216-089-11	RES-CHIP	47K	5%	1/10W
R1411	1-216-304-11	METAL CHIP	3.3	5%	1/10W
R1412	1-216-067-00	METAL CHIP	5.6K	5%	1/10W
R1413	1-216-069-00	METAL CHIP	6.8K	5%	1/10W
R1418	1-216-025-11	RES-CHIP	100	5%	1/10W
R1419	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1420	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1421	1-216-025-11	RES-CHIP	100	5%	1/10W
R1422	1-216-025-11	RES-CHIP	100	5%	1/10W
R1423	1-216-049-11	RES-CHIP	1K	5%	1/10W
R1424	1-216-121-11	RES-CHIP	1M	5%	1/10W
R1425	1-216-049-11	RES-CHIP	1K	5%	1/10W
R1426	1-216-025-11	RES-CHIP	100	5%	1/10W
R1427	1-216-089-11	RES-CHIP	47K	5%	1/10W
R1428	1-216-065-00	RES-CHIP	4.7K	5%	1/10W
R1429	1-216-295-11	SHORT CHIP	0		
R1430	1-216-025-11	RES-CHIP	100	5%	1/10W
R1431	1-216-121-11	RES-CHIP	1M	5%	1/10W
R1432	1-216-025-11	RES-CHIP	100	5%	1/10W
R1433	1-216-029-00	METAL CHIP	150	5%	1/10W
R1434	1-216-025-11	RES-CHIP	100	5%	1/10W
R1435	1-216-025-11	RES-CHIP	100	5%	1/10W
R1436	1-216-025-11	RES-CHIP	100	5%	1/10W
R1437	1-216-033-00	METAL CHIP	220	5%	1/10W
R1438	1-216-097-11	RES-CHIP	100K	5%	1/10W
R1439	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1501	1-216-025-11	RES-CHIP	100	5%	1/10W
R1502	1-216-025-11	RES-CHIP	100	5%	1/10W
R1503	1-216-025-11	RES-CHIP	100	5%	1/10W
R1504	1-216-025-11	RES-CHIP	100	5%	1/10W
R1505	1-216-025-11	RES-CHIP	100	5%	1/10W
R1506	1-216-025-11	RES-CHIP	100	5%	1/10W
R1507	1-216-025-11	RES-CHIP	100	5%	1/10W
R1508	1-216-049-11	RES-CHIP	1K	5%	1/10W
R1509	1-216-295-11	SHORT CHIP	0		
R1510	1-216-025-11	RES-CHIP	100	5%	1/10W
R1511	1-216-025-11	RES-CHIP	100	5%	1/10W
R1512	1-216-025-11	RES-CHIP	100	5%	1/10W
R1515	1-216-049-11	RES-CHIP	1K	5%	1/10W
R1602	1-216-025-11	RES-CHIP	100	5%	1/10W
R1603	1-216-049-11	RES-CHIP	1K	5%	1/10W
R1605	1-216-025-11	RES-CHIP	100	5%	1/10W
R1606	1-216-065-00	RES-CHIP	4.7K	5%	1/10W
R1607	1-216-025-11	RES-CHIP	100	5%	1/10W
R1608	1-216-295-11	SHORT CHIP	0		
R1610	1-216-025-11	RES-CHIP	100	5%	1/10W
R1611	1-216-025-11	RES-CHIP	100	5%	1/10W
R1612	1-216-033-00	METAL CHIP	220	5%	1/10W
R1650	1-216-025-11	RES-CHIP	100	5%	1/10W
R1651	1-216-025-11	RES-CHIP	100	5%	1/10W
R1653	1-216-025-11	RES-CHIP	100	5%	1/10W
R1654	1-216-025-11	RES-CHIP	100	5%	1/10W
R1655	1-216-025-11	RES-CHIP	100	5%	1/10W
R1656	1-216-025-11	RES-CHIP	100	5%	1/10W
R1657	1-216-025-11	RES-CHIP	100	5%	1/10W
R1666	1-216-025-11	RES-CHIP	100	5%	1/10W
R1667	1-216-295-11	SHORT CHIP	0		
R1701	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1702	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1703	1-216-001-00	METAL CHIP	10	5%	1/10W
R1704	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1705	1-216-025-11	RES-CHIP	100	5%	1/10W
R1706	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1707	1-216-065-00	RES-CHIP	4.7K	5%	1/10W
R1708	1-216-025-11	RES-CHIP	100	5%	1/10W
R1709	1-216-025-11	RES-CHIP	100	5%	1/10W
R1710	1-216-025-11	RES-CHIP	100	5%	1/10W
R1711	1-216-025-11	RES-CHIP	100	5%	1/10W
R1712	1-216-025-11	RES-CHIP	100	5%	1/10W
R1713	1-216-025-11	RES-CHIP	100	5%	1/10W
R1714	1-216-025-11	RES-CHIP	100	5%	1/10W
R1715	1-216-025-11	RES-CHIP	100	5%	1/10W
R1716	1-216-025-11	RES-CHIP	100	5%	1/10W
R1718	1-216-025-11	RES-CHIP	100	5%	1/10W
R1719	1-216-025-11	RES-CHIP	100	5%	1/10W
R1720	1-216-025-11	RES-CHIP	100	5%	1/10W
R1721	1-216-061-00	RES-CHIP	3.3K	5%	1/10W
R1722	1-216-025-11	RES-CHIP	100	5%	1/10W
R1723	1-216-025-11	RES-CHIP	100	5%	1/10W
R1724	1-216-025-11	RES-CHIP	100	5%	1/10W
R1725	1-216-025-11	RES-CHIP	100	5%	1/10W
R1726	1-216-025-11	RES-CHIP	100	5%	1/10W
R1727	1-216-053-00	METAL CHIP	1.5K	5%	1/10W
R1730	1-216-025-11	RES-CHIP	100	5%	1/10W
R1731	1-216-025-11	RES-CHIP	100	5%	1/10W
R1732	1-216-025-11	RES-CHIP	100	5%	1/10W
R1733	1-216-025-11	RES-CHIP	100	5%	1/10W
R1734	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1735	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1736	1-216-097-11	RES-CHIP	100K	5%	1/10W
R1737	1-216-097-11	RES-CHIP	100K	5%	1/10W
R1738	1-216-097-11	RES-CHIP	100K	5%	1/10W
R1739	1-216-025-11	RES-CHIP	100	5%	1/10W
R1740	1-216-025-11	RES-CHIP	100	5%	1/10W
R1741	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1742	1-216-033-00	METAL CHIP	220	5%	1/10W
R1743	1-216-025-11	RES-CHIP	100	5%	1/10W
R1744	1-216-025-11	RES-CHIP	100	5%	1/10W
R1745	1-216-025-11	RES-CHIP	100	5%	1/10W (DA2ES)
R1746	1-216-025-11	RES-CHIP	100	5%	1/10W (DA2ES)
R1747	1-216-025-11	RES-CHIP	100	5%	1/10W
R1748	1-216-025-11	RES-CHIP	100	5%	1/10W (DA2ES)
R1749	1-216-025-11	RES-CHIP	100	5%	1/10W
R1750	1-216-025-11	RES-CHIP	100	5%	1/10W
R1751	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1752	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1753	1-216-073-00	RES-CHIP	10K	5%	1/10W

Ref. No.	Part No.	Description			Remark
R1754	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1755	1-216-025-11	RES-CHIP	100	5%	1/10W
R1757	1-216-295-11	SHORT CHIP	0		
R1758	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1759	1-216-057-00	METAL CHIP	2.2K	5%	1/10W (DB1080: E)
R1759	1-216-073-00	RES-CHIP	10K	5%	1/10W (DB1080: SP, MY)
R1759	1-216-081-00	METAL CHIP	22K	5%	1/10W (DB1080: KR)
R1759	1-216-295-11	SHORT CHIP	0 (DB1080: AEP, UK)		
R1760	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1761	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1762	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1763	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1764	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1765	1-216-049-11	RES-CHIP	1K	5%	1/10W
R1766	1-216-025-11	RES-CHIP	100	5%	1/10W
R1767	1-216-049-11	RES-CHIP	1K	5%	1/10W (DB1080: AEP, UK)
R1768	1-216-025-11	RES-CHIP	100	5%	1/10W
R1769	1-216-077-00	RES-CHIP	15K	5%	1/10W (EXCEPT DA2ES/DB1080: KR)
R1770	1-216-081-00	METAL CHIP	22K	5%	1/10W
R1771	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1772	1-216-033-00	METAL CHIP	220	5%	1/10W
R1773	1-216-025-11	RES-CHIP	100	5%	1/10W
R1774	1-216-033-00	METAL CHIP	220	5%	1/10W
R1775	1-216-025-11	RES-CHIP	100	5%	1/10W
R1776	1-216-025-11	RES-CHIP	100	5%	1/10W
R1777	1-216-025-11	RES-CHIP	100	5%	1/10W
R1778	1-216-033-00	METAL CHIP	220	5%	1/10W
R1779	1-216-025-11	RES-CHIP	100	5%	1/10W
R1780	1-216-025-11	RES-CHIP	100	5%	1/10W
R1781	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1782	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1783	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1784	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1785	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1786	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1787	1-216-049-11	RES-CHIP	1K	5%	1/10W
R1788	1-216-049-11	RES-CHIP	1K	5%	1/10W
R1789	1-216-049-11	RES-CHIP	1K	5%	1/10W
R1790	1-216-049-11	RES-CHIP	1K	5%	1/10W
R1791	1-216-049-11	RES-CHIP	1K	5%	1/10W
R1792	1-216-049-11	RES-CHIP	1K	5%	1/10W
R1793	1-216-049-11	RES-CHIP	1K	5%	1/10W
R1794	1-216-049-11	RES-CHIP	1K	5%	1/10W
R1795	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1796	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1797	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1798	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1799	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1800	1-216-025-11	RES-CHIP	100	5%	1/10W
R1801	1-216-045-00	METAL CHIP	680	5%	1/10W
R1802	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1803	1-216-045-00	METAL CHIP	680	5%	1/10W
R1804	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1805	1-216-045-00	METAL CHIP	680	5%	1/10W
R1806	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1809	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1810	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1811	1-216-295-11	SHORT CHIP	0 (DB1080)		
R1812	1-216-295-11	SHORT CHIP	0		
R1813	1-216-033-00	METAL CHIP	220	5%	1/10W (DB1080: AEP, UK)
R1814	1-216-295-11	SHORT CHIP	0		
R1815	1-216-025-11	RES-CHIP	100	5%	1/10W
R1816	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1817	1-216-025-11	RES-CHIP	100	5%	1/10W
R1819	1-216-025-11	RES-CHIP	100	5%	1/10W
R1820	1-216-025-11	RES-CHIP	100	5%	1/10W
R1822	1-216-025-11	RES-CHIP	100	5%	1/10W
R1823	1-216-025-11	RES-CHIP	100	5%	1/10W
R1824	1-216-025-11	RES-CHIP	100	5%	1/10W
R1825	1-216-025-11	RES-CHIP	100	5%	1/10W
R1826	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1827	1-216-025-11	RES-CHIP	100	5%	1/10W
R1828	1-216-025-11	RES-CHIP	100	5%	1/10W
R1829	1-216-073-00	RES-CHIP	10K	5%	1/10W (DA2ES)
R1830	1-216-045-00	METAL CHIP	680	5%	1/10W (DA2ES)
R1831	1-216-073-00	RES-CHIP	10K	5%	1/10W

< VIBRATOR >

X1401	1-795-219-21	VIBRATOR, CRYSTAL (24.576MHz)	
X1501	1-795-711-11	VIBRATOR, CRYSTAL (12.886MHz)	
X1601	1-795-264-21	VIBRATOR, CERAMIC (13.5MHz)	
X1701	1-795-179-21	VIBRATOR, CERAMIC (16.5MHz)	

****

	A-4728-472-A	DISPLAY BOARD, COMPLETE	
		**********	
*	4-921-941-01	CUSHION (FL)	
*	4-990-797-01	HOLDER (FL)	

< CAPACITOR >

C1001	1-126-967-11	ELECT	47uF	20%	50V
C1002	1-127-888-11	CERAMIC	0.1uF	10%	50V
C1003	1-127-888-11	CERAMIC	0.1uF	10%	50V
C1004	1-128-809-11	CERAMIC	100PF	5%	50V
C1005	1-128-821-11	CERAMIC	1000PF	5%	50V
C1006	1-127-876-11	CERAMIC	0.01uF	10%	50V
C1007	1-127-888-11	CERAMIC	0.1uF	10%	50V
C1016	1-127-888-11	CERAMIC	0.1uF	10%	50V
C1020	1-128-813-11	CERAMIC	220PF	5%	50V
C1021	1-128-813-11	CERAMIC	220PF	5%	50V
C1022	1-128-813-11	CERAMIC	220PF	5%	50V
C1028	1-127-888-11	CERAMIC	0.1uF	10%	50V

< CONNECTOR >

CN1001	1-784-792-11	CONNECTOR, FFC 31P	
CN1002	1-770-553-11	CONNECTOR, BOARD TO BOARD 11P	
* CN1003	1-568-056-11	PIN, BOARD TO BOARD 8P	
CN1004	1-770-553-11	CONNECTOR, BOARD TO BOARD 11P	

DISPLAY | H.P | MAIN

Ref. No.	Part No.	Description	Remark
		< LED >	
D1001	8-719-075-60	LED SELS5823C-TP15 (VIDEO 1)	
D1002	8-719-075-60	LED SELS5823C-TP15 (VIDEO 2)	
D1003	8-719-075-60	LED SELS5823C-TP15 (VIDEO 3)	
D1004	8-719-075-60	LED SELS5823C-TP15 (DVD/LD)	
D1005	8-719-075-60	LED SELS5823C-TP15 (TV/SAT)	
D1006	8-719-075-60	LED SELS5823C-TP15 (TAPE)	
D1007	8-719-075-60	LED SELS5823C-TP15 (CD/SACD)	
D1008	8-719-075-60	LED SELS5823C-TP15 (MD/DAT)	
D1009	8-719-075-60	LED SELS5823C-TP15 (TUNER)	
D1010	8-719-075-60	LED SELS5823C-TP15 (PHONO)	
D1011	8-719-313-50	LED SEL6810A-TH12 (NIGHT MODE)	
D1012	8-719-075-60	LED SELS5823C-TP15	(DIGITAL CINEMA SOUND)
D1013	8-719-075-60	LED SELS5823C-TP15 (6.1CH DECODING)	
D1014	8-719-046-39	LED SEL5821A-TP15 (MULTI CH DIRECT)	
D1015	8-719-046-39	LED SEL5821A-TP15 (A. DIRECT)	
D1016	8-719-046-39	LED SEL5821A-TP15 (2CH ST)	
D1017	8-719-046-39	LED SEL5821A-TP15 (MODE)	
D1018	8-719-046-39	LED SEL5821A-TP15 (AUTO DEC.)	
D1019	8-719-084-07	LED SEL5821A-TP15	(MULTI CHANNEL DECODING)
D1020	8-719-991-33	DIODE 1SS133T-77	
		< FLUORESCENT INDICATOR TUBE >	
FL1001	1-518-737-11	INDICATOR TUBE, FLUORESCENT	
		< IC >	
IC1001	6-701-920-01	IC ML9261AMB	
IC1002	6-701-888-01	IC BU2152FS	
IC1011	8-759-243-51	IC TC74ACT08P	
		< TRANSISTOR >	
Q1002	8-729-119-78	TRANSISTOR 2SC2785-HFE	
		< RESISTOR >	
⚠R1001	1-249-381-11	CARBON 1 5% 1/4W F	
⚠R1002	1-249-381-11	CARBON 1 5% 1/4W F	
R1004	1-249-417-11	CARBON 1K 5% 1/4W	
R1005	1-249-417-11	CARBON 1K 5% 1/4W	
R1007	1-249-429-11	CARBON 10K 5% 1/4W	
R1008	1-249-429-11	CARBON 10K 5% 1/4W	
R1009	1-249-429-11	CARBON 10K 5% 1/4W	
R1010	1-249-429-11	CARBON 10K 5% 1/4W	
R1011	1-247-807-31	CARBON 100 5% 1/4W	
R1012	1-247-807-31	CARBON 100 5% 1/4W	
R1013	1-247-807-31	CARBON 100 5% 1/4W	
R1014	1-247-807-31	CARBON 100 5% 1/4W	
R1017	1-249-429-11	CARBON 10K 5% 1/4W	
R1018	1-249-429-11	CARBON 10K 5% 1/4W	
R1024	1-249-437-11	CARBON 47K 5% 1/4W	
R1026	1-249-437-11	CARBON 47K 5% 1/4W	
R1027	1-249-437-11	CARBON 47K 5% 1/4W	
R1031	1-249-409-11	CARBON 220 5% 1/4W	
R1032	1-249-411-11	CARBON 330 5% 1/4W	
R1033	1-249-411-11	CARBON 330 5% 1/4W	
R1034	1-249-411-11	CARBON 330 5% 1/4W	
R1035	1-249-411-11	CARBON 330 5% 1/4W	
R1036	1-249-411-11	CARBON 330 5% 1/4W	
R1037	1-249-402-11	CARBON 56 5% 1/4W	
R1038	1-249-409-11	CARBON 220 5% 1/4W	
R1040	1-249-429-11	CARBON 10K 5% 1/4W	
R1041	1-247-807-31	CARBON 100 5% 1/4W	
R1042	1-249-417-11	CARBON 1K 5% 1/4W	
R1043	1-249-417-11	CARBON 1K 5% 1/4W	
R1044	1-247-807-31	CARBON 100 5% 1/4W	
R1049	1-247-807-31	CARBON 100 5% 1/4W	
R1050	1-247-807-31	CARBON 100 5% 1/4W	
		< ROTARY ENCODER >	
RV1001	1-418-725-41	ENCODER, ROTARY (12TYPE)	(MASTER VOLUME)
**********			
	1-684-335-11	H.P BOARD	
		*********	
		< CONNECTOR >	
CN849	1-784-922-11	PIN, CONNECTOR 5P	
		< TERMINAL >	
* EB849	1-537-738-21	TERMINAL, EARTH	
		< JACK >	
J849	1-815-313-21	JACK (PHONES)	
**********			
	A-4728-469-A	MAIN BOARD, COMPLETE (DA2ES: US)	
	A-4728-494-A	MAIN BOARD, COMPLETE (DA2ES: CND)	
	A-4728-497-A	MAIN BOARD, COMPLETE (DB1080: SP, MY)	
	A-4728-508-A	MAIN BOARD, COMPLETE (DB1080: E, KR)	
	A-4728-518-A	MAIN BOARD, COMPLETE (DB1080: AEP, UK)	
		**********	
	7-685-872-09	SCREW +BVTT 3X8 (S)	
		< CAPACITOR >	
C107	1-127-868-11	CERAMIC 2200PF 10% 50V	
C119	1-127-868-11	CERAMIC 2200PF 10% 50V	
C120	1-127-876-11	CERAMIC 0.01uF 10% 50V	
C121	1-127-868-11	CERAMIC 2200PF 10% 50V	
C122	1-127-868-11	CERAMIC 2200PF 10% 50V	
C123	1-128-809-11	CERAMIC 100PF 5% 50V	
C131	1-128-809-11	CERAMIC 100PF 5% 50V	(DB1080)
C132	1-128-809-11	CERAMIC 100PF 5% 50V	(DB1080)
C133	1-128-813-11	CERAMIC 220PF 5% 50V	(DB1080)
C134	1-128-813-11	CERAMIC 220PF 5% 50V	DB1080)
C135	1-126-961-11	ELECT 2.2uF 20% 50V	(EXCEPT DB1080: AEP, UK)
C135	1-119-821-11	ELECT 2.2uF 20% 50V	(DB1080: AEP, UK)

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

MAIN

Ref. No.	Part No.	Description				Remark
C136	1-126-961-11	ELECT	2.2uF	20%	50V	
			EXCEPT DB1080: AEP, UK)			
C136	1-119-821-11	ELECT	2.2uF	20%	50V	
			(DB1080: AEP, UK)			
C137	1-128-809-11	CERAMIC	100PF	5%	50V	
						(DB1080)
C138	1-128-809-11	CERAMIC	100PF	5%	50V	
						(DB1080)
C139	1-126-934-11	ELECT	220uF	20%	10V	
			(EXCEPT DB1080: AEP, UK)			
C139	1-128-832-11	ELECT	220uF	20%	10V	
			(DB1080: AEP, UK)			
C140	1-126-934-11	ELECT	220uF	20%	10V	
			(EXCEPT DB1080: AEP, UK)			
C140	1-128-832-11	ELECT	220uF	20%	10V	
			(DB1080: AEP, UK)			
C141	1-125-896-11	MYLAR	0.0091uF	5%	50V	
C142	1-125-896-11	MYLAR	0.0091uF	5%	50V	
C143	1-136-159-00	MYLAR	0.033uF	5%	50V	
C144	1-136-159-00	MYLAR	0.033uF	5%	50V	
C145	1-119-821-11	ELECT	2.2uF	20%	50V	
			(DB1080: AEP, UK)			
C145	1-126-961-11	ELECT	2.2uF	20%	50V	
			(EXCEPT DB1080: AEP, UK)			
C146	1-119-821-11	ELECT	2.2uF	20%	50V	
			(DB1080: AEP, UK)			
C146	1-126-961-11	ELECT	2.2uF	20%	50V	
			(EXCEPT DB1080: AEP, UK)			
C161	1-127-868-11	CERAMIC	2200PF	10%	50V	
C162	1-127-868-11	CERAMIC	2200PF	10%	50V	
C163	1-127-868-11	CERAMIC	2200PF	10%	50V	
C164	1-127-868-11	CERAMIC	2200PF	10%	50V	
C165	1-128-809-11	CERAMIC	100PF	5%	50V	
C179	1-127-868-11	CERAMIC	2200PF	10%	50V	
						(DA2ES)
C180	1-127-868-11	CERAMIC	2200PF	10%	50V	
						(DA2ES)
C181	1-128-809-11	CERAMIC	100PF	5%	50V	
						(DA2ES)
C401	1-126-965-11	ELECT	22uF	20%	50V	
						(DA2ES)
C401	1-128-858-11	ELECT	22uF	20%	50V	
			(DB1080: E, SP, MY, KR)			
C401	1-135-744-11	ELECT	22uF		50V	
			(DB1080: AEP, UK)			
C402	1-102-110-00	CERAMIC	220PF	10%	50V	
C403	1-119-824-11	ELECT	10uF	20%	50V	
			(DB1080: E, SP, MY, KR)			
C403	1-126-964-11	ELECT	10uF	20%	50V	
						(DA2ES)
C403	1-135-743-11	ELECT	10uF		50V	
			(DB1080: AEP, UK)			
C404	1-126-965-11	ELECT	22uF	20%	50V	
						(DA2ES)
C404	1-128-858-11	ELECT	22uF	20%	50V	
			(DB1080: E, SP, MY, KR)			
C404	1-135-744-11	ELECT	22uF		50V	
			(DB1080: AEP, UK)			
C405	1-102-110-00	CERAMIC	220PF	10%	50V	
C406	1-102-233-00	CERAMIC	33PF	10%	500V	
C408	1-102-230-00	CERAMIC	4PF	0.25PF	500V	
C409	1-126-934-11	ELECT	220uF	20%	10V	
						(DA2ES)
C409	1-128-832-11	ELECT	220uF	20%	10V	
			(DB1080: E, SP, MY, KR)			
C409	1-135-667-11	ELECT	220uF		10V	
			(DB1080: AEP, UK)			
C410	1-128-809-11	CERAMIC	100PF	5%	50V	
C411	1-107-597-11	CERAMIC	22PF	10%	500V	
C412	1-107-597-11	CERAMIC	22PF	10%	500V	
C414	1-136-161-00	MYLAR	0.047uF	5%	50V	
C415	1-136-165-00	MYLAR	0.1uF	5%	50V	
C418	1-126-933-11	ELECT	100uF	20%	16V	
						(DA2ES)
C418	1-127-718-11	ELECT	100uF	20%	16V	
			(DB1080: E, SP, MY, KR)			
C418	1-135-709-11	ELECT	100uF		16V	
			(DB1080: AEP, UK)			
C421	1-126-965-11	ELECT	22uF	20%	50V	
						(DA2ES)
C421	1-128-858-11	ELECT	22uF	20%	50V	
			(DB1080: E, SP, MY, KR)			
C421	1-135-744-11	ELECT	22uF		50V	
			(DB1080: AEP, UK)			
C451	1-126-965-11	ELECT	22uF	20%	50V	
						(DA2ES)
C451	1-128-858-11	ELECT	22uF	20%	50V	
			(DB1080: E, SP, MY, KR)			
C451	1-135-744-11	ELECT	22uF		50V	
			(DB1080: AEP, UK)			
C452	1-102-110-00	CERAMIC	220PF	10%	50V	
C454	1-126-965-11	ELECT	22uF	20%	50V	
						(DA2ES)
C454	1-128-858-11	ELECT	22uF	20%	50V	
			(DB1080: E, SP, MY, KR)			
C454	1-135-744-11	ELECT	22uF		50V	
			(DB1080: AEP, UK)			
C455	1-102-110-00	CERAMIC	220PF	10%	50V	
C456	1-102-233-00	CERAMIC	33PF	10%	500V	
C458	1-102-230-00	CERAMIC	4PF	0.25PF	500V	
C459	1-126-934-11	ELECT	220uF	20%	10V	
						(DA2ES)
C459	1-128-832-11	ELECT	220uF	20%	10V	
			(DB1080: E, SP, MY, KR)			
C459	1-135-667-11	ELECT	220uF		10V	
			(DB1080: AEP, UK)			
C460	1-128-809-11	CERAMIC	100PF	5%	50V	
C461	1-107-597-11	CERAMIC	22PF	10%	500V	
C462	1-107-597-11	CERAMIC	22PF	10%	500V	
C464	1-136-161-00	MYLAR	0.047uF	5%	50V	
C465	1-136-165-00	MYLAR	0.1uF	5%	50V	
C468	1-126-933-11	ELECT	100uF	20%	16V	
						(DA2ES)
C468	1-127-718-11	ELECT	100uF	20%	16V	
			(DB1080: E, SP, MY, KR)			
C468	1-135-709-11	ELECT	100uF		16V	
			(DB1080: AEP, UK)			
C469	1-128-809-11	CERAMIC	100PF	5%	50V	
C471	1-126-965-11	ELECT	22uF	20%	50V	
						(DA2ES)
C471	1-128-858-11	ELECT	22uF	20%	50V	
			(DB1080: E, SP, MY, KR)			

MAIN

Ref. No.	Part No.	Description			Remark
C471	1-135-744-11	ELECT	22uF		50V (DB1080: AEP, UK)
C501	1-126-965-11	ELECT	22uF	20%	50V (DA2ES)
C501	1-128-858-11	ELECT	22uF	20%	50V (DB1080: E, SP, MY, KR)
C501	1-135-744-11	ELECT	22uF		50V (DB1080: AEP, UK)
C502	1-102-110-00	CERAMIC	220PF	10%	50V
C503	1-119-824-11	ELECT	10uF	20%	50V (DB1080: E, SP, MY, KR)
C503	1-126-964-11	ELECT	10uF	20%	50V (DA2ES)
C503	1-135-743-11	ELECT	10uF		50V (DB1080: AEP, UK)
C504	1-126-965-11	ELECT	22uF	20%	50V (DA2ES)
C504	1-128-858-11	ELECT	22uF	20%	50V (DB1080: E, SP, MY, KR)
C504	1-135-744-11	ELECT	22uF		50V (DB1080: AEP, UK)
C505	1-102-110-00	CERAMIC	220PF	10%	50V
C506	1-102-233-00	CERAMIC	33PF	10%	500V
C507	1-128-809-11	CERAMIC	100PF	5%	50V
C508	1-102-230-00	CERAMIC	4PF	0.25PF	500V
C509	1-126-934-11	ELECT	220uF	20%	10V (DA2ES)
C509	1-128-832-11	ELECT	220uF	20%	10V (DB1080: E, SP, MY, KR)
C509	1-135-667-11	ELECT	220uF		10V (DB1080: AEP, UK)
C510	1-128-809-11	CERAMIC	100PF	5%	50V
C511	1-107-597-11	CERAMIC	22PF	10%	500V
C512	1-107-597-11	CERAMIC	22PF	10%	500V
C514	1-136-161-00	MYLAR	0.047uF	5%	50V
C515	1-136-165-00	MYLAR	0.1uF	5%	50V
C518	1-126-933-11	ELECT	100uF	20%	16V (DA2ES)
C518	1-127-718-11	ELECT	100uF	20%	16V (DB1080: E, SP, MY, KR)
C518	1-135-709-11	ELECT	100uF		16V (DB1080: AEP, UK)
C519	1-128-809-11	CERAMIC	100PF	5%	50V
C521	1-126-965-11	ELECT	22uF	20%	50V (DA2ES)
C521	1-128-858-11	ELECT	22uF	20%	50V (DB1080: E, SP, MY, KR)
C521	1-135-744-11	ELECT	22uF		50V (DB1080: AEP, UK)
C551	1-126-965-11	ELECT	22uF	20%	50V (DA2ES)
C551	1-128-858-11	ELECT	22uF	20%	50V (DB1080: E, SP, MY, KR)
C551	1-135-744-11	ELECT	22uF		50V (DB1080: AEP, UK)
C552	1-102-110-00	CERAMIC	220PF	10%	50V
C554	1-126-965-11	ELECT	22uF	20%	50V (DA2ES)
C554	1-128-858-11	ELECT	22uF	20%	50V (DB1080: E, SP, MY, KR)
C554	1-135-744-11	ELECT	22uF		50V (DB1080: AEP, UK)
C555	1-102-110-00	CERAMIC	220PF	10%	50V
C556	1-102-233-00	CERAMIC	33PF	10%	500V
C557	1-128-809-11	CERAMIC	100PF	5%	50V
C558	1-102-230-00	CERAMIC	4PF	0.25PF	500V
C559	1-126-934-11	ELECT	220uF	20%	10V (DA2ES)
C559	1-128-832-11	ELECT	220uF	20%	10V (DB1080: E, SP, MY, KR)
C559	1-135-667-11	ELECT	220uF		10V (DB1080: AEP, UK)
C560	1-128-809-11	CERAMIC	100PF	5%	50V
C561	1-107-597-11	CERAMIC	22PF	10%	500V
C562	1-107-597-11	CERAMIC	22PF	10%	500V
C564	1-136-161-00	MYLAR	0.047uF	5%	50V
C565	1-136-165-00	MYLAR	0.1uF	5%	50V
C568	1-126-933-11	ELECT	100uF	20%	16V (DA2ES)
C568	1-127-718-11	ELECT	100uF	20%	16V (DB1080: E, SP, MY, KR)
C568	1-135-709-11	ELECT	100uF		16V (DB1080: AEP, UK)
C571	1-126-965-11	ELECT	22uF	20%	50V (DA2ES)
C571	1-128-858-11	ELECT	22uF	20%	50V (DB1080: E, SP, MY, KR)
C571	1-135-744-11	ELECT	22uF		50V (DB1080: AEP, UK)
C601	1-126-965-11	ELECT	22uF	20%	50V (DA2ES)
C601	1-128-858-11	ELECT	22uF	20%	50V (DB1080: E, SP, MY, KR)
C601	1-135-744-11	ELECT	22uF		50V (DB1080: AEP, UK)
C602	1-102-110-00	CERAMIC	220PF	10%	50V
C603	1-119-824-11	ELECT	10uF	20%	50V (DB1080: E, SP, MY, KR)
C603	1-126-964-11	ELECT	10uF	20%	50V (DA2ES)
C603	1-135-743-11	ELECT	10uF		50V (DB1080: AEP, UK)
C604	1-126-965-11	ELECT	22uF	20%	50V (DA2ES)
C604	1-128-858-11	ELECT	22uF	20%	50V (DB1080: E, SP, MY, KR)
C604	1-135-744-11	ELECT	22uF		50V (DB1080: AEP, UK)
C605	1-102-110-00	CERAMIC	220PF	10%	50V
C606	1-102-233-00	CERAMIC	33PF	10%	500V
C607	1-128-809-11	CERAMIC	100PF	5%	50V
C608	1-102-230-00	CERAMIC	4PF	0.25PF	500V
C609	1-126-934-11	ELECT	220uF	20%	10V (DA2ES)
C609	1-128-832-11	ELECT	220uF	20%	10V (DB1080: E, SP, MY, KR)
C609	1-135-667-11	ELECT	220uF		10V (DB1080: AEP, UK)
C610	1-128-809-11	CERAMIC	100PF	5%	50V
C611	1-107-597-11	CERAMIC	22PF	10%	500V
C612	1-107-597-11	CERAMIC	22PF	10%	500V
C614	1-136-161-00	MYLAR	0.047uF	5%	50V
C615	1-136-165-00	MYLAR	0.1uF	5%	50V

MAIN

Ref. No.	Part No.	Description				Remark
C618	1-126-933-11	ELECT	100uF	20%	16V	(DA2ES)
C618	1-127-718-11	ELECT	100uF	20%	16V	(DB1080: E, SP, MY, KR)
C618	1-135-709-11	ELECT	100uF		16V	(DB1080: AEP, UK)
C619	1-128-809-11	CERAMIC	100PF	5%	50V	
C621	1-126-965-11	ELECT	22uF	20%	50V	(DA2ES)
C621	1-128-858-11	ELECT	22uF	20%	50V	(DB1080: E, SP, MY, KR)
C621	1-135-744-11	ELECT	22uF		50V	(DB1080: AEP, UK)
C651	1-126-965-11	ELECT	22uF	20%	50V	(DA2ES)
C651	1-128-858-11	ELECT	22uF	20%	50V	(DB1080: E, SP, MY, KR)
C651	1-135-744-11	ELECT	22uF		50V	(DB1080: AEP, UK)
C652	1-102-110-00	CERAMIC	220PF	10%	50V	
C654	1-126-965-11	ELECT	22uF	20%	50V	(DA2ES)
C654	1-128-858-11	ELECT	22uF	20%	50V	(DB1080: E, SP, MY, KR)
C654	1-135-744-11	ELECT	22uF		50V	(DB1080: AEP, UK)
C655	1-102-110-00	CERAMIC	220PF	10%	50V	
C656	1-102-233-00	CERAMIC	33PF	10%	500V	
C657	1-128-809-11	CERAMIC	100PF	5%	50V	
C658	1-102-230-00	CERAMIC	4PF	0.25PF	500V	
C659	1-126-934-11	ELECT	220uF	20%	10V	(DA2ES)
C659	1-128-832-11	ELECT	220uF	20%	10V	(DB1080: E, SP, MY, KR)
C659	1-135-667-11	ELECT	220uF		10V	(DB1080: AEP, UK)
C660	1-128-809-11	CERAMIC	100PF	5%	50V	
C661	1-107-597-11	CERAMIC	22PF	10%	500V	
C662	1-107-597-11	CERAMIC	22PF	10%	500V	
C664	1-136-161-00	MYLAR	0.047uF	5%	50V	
C665	1-136-165-00	MYLAR	0.1uF	5%	50V	
C668	1-126-933-11	ELECT	100uF	20%	16V	(DA2ES)
C668	1-127-718-11	ELECT	100uF	20%	16V	(DB1080: E, SP, MY, KR)
C668	1-135-709-11	ELECT	100uF		16V	(DB1080: AEP, UK)
C669	1-128-809-11	CERAMIC	100PF	5%	50V	
C671	1-126-965-11	ELECT	22uF	20%	50V	(DA2ES)
C671	1-128-858-11	ELECT	22uF	20%	50V	(DB1080: E, SP, MY, KR)
C671	1-135-744-11	ELECT	22uF		50V	(DB1080: AEP, UK)
C701	1-126-965-11	ELECT	22uF	20%	50V	(DA2ES)
C701	1-128-858-11	ELECT	22uF	20%	50V	(DB1080: E, SP, MY, KR)
C701	1-135-744-11	ELECT	22uF		50V	(DB1080: AEP, UK)
C702	1-102-110-00	CERAMIC	220PF	10%	50V	
C703	1-126-965-11	ELECT	22uF	20%	50V	(DA2ES)
C703	1-128-858-11	ELECT	22uF	20%	50V	(DB1080: E, SP, MY, KR)
C703	1-135-744-11	ELECT	22uF		50V	(DB1080: AEP, UK)
C718	1-126-933-11	ELECT	100uF	20%	16V	(DA2ES)
C718	1-127-718-11	ELECT	100uF	20%	16V	(DB1080: E, SP, MY, KR)
C718	1-135-709-11	ELECT	100uF		16V	(DB1080: AEP, UK)
C721	1-126-965-11	ELECT	22uF	20%	50V	(DA2ES)
C721	1-128-858-11	ELECT	22uF	20%	50V	(DB1080: E, SP, MY, KR)
C721	1-135-744-11	ELECT	22uF		50V	(DB1080: AEP, UK)
C790	1-128-560-11	ELECT	22uF	20%	100V	(DA2ES)
C790	1-128-886-11	ELECT	100uF	20%	100V	(DB1080: E, SP, MY, KR)
C790	1-135-730-51	ELECT	100uF		100V	(DB1080: AEP, UK)
C795	1-128-560-11	ELECT	22uF	20%	100V	(DA2ES)
C795	1-128-886-11	ELECT	100uF	20%	100V	(DB1080: E, SP, MY, KR)
C795	1-135-730-51	ELECT	100uF		100V	(DB1080: AEP, UK)
C801	1-126-941-11	ELECT	470uF	20%	25V	(DA2ES)
C801	1-127-726-11	ELECT	470uF	20%	25V	(DB1080: E, SP, MY, KR)
C801	1-135-684-11	ELECT	470uF		25V	(DB1080: AEP, UK)
C802	1-126-941-11	ELECT	470uF	20%	25V	(DA2ES)
C802	1-127-726-11	ELECT	470uF	20%	25V	(DB1080: E, SP, MY, KR)
C802	1-135-684-11	ELECT	470uF		25V	(DB1080: AEP, UK)
C809	1-128-560-11	ELECT	22uF	20%	100V	(DA2ES)
C809	1-128-883-11	ELECT	22uF	20%	100V	(DB1080: E, SP, MY, KR)
C809	1-135-727-11	ELECT	22uF		100V	(DB1080: AEP, UK)
C810	1-128-560-11	ELECT	22uF	20%	100V	(DA2ES)
C810	1-128-883-11	ELECT	22uF	20%	100V	(DB1080: E, SP, MY, KR)
C810	1-135-727-11	ELECT	22uF		100V	(DB1080: AEP, UK)
C814	1-126-933-11	ELECT	100uF	20%	16V	
C815	1-126-933-11	ELECT	100uF	20%	16V	
C816	1-127-888-11	CERAMIC	0.1uF	10%	50V	
C817	1-126-947-11	ELECT	47uF	20%	35V	(DA2ES)
C817	1-128-850-11	ELECT	47uF	20%	35V	(DB1080: E, SP, MY, KR)

MAIN

Ref. No.	Part No.	Description			Remark
C817	1-135-775-11	ELECT	47uF		35V (DB1080: AEP, UK)
C818	1-128-551-11	ELECT	22uF	20%	25V (DA2ES)
C818	1-128-858-11	ELECT	22uF	20%	25V (DB1080: E, SP, MY, KR)
C818	1-135-703-11	ELECT	22uF		25V (DB1080: AEP, UK)
C819	1-128-551-11	ELECT	22uF	20%	25V (DA2ES)
C819	1-128-858-11	ELECT	22uF	20%	25V (DB1080: E, SP, MY, KR)
C819	1-135-703-11	ELECT	22uF		25V (DB1080: AEP, UK)
C821	1-127-876-11	CERAMIC	0.01uF	10%	50V
		< CONNECTOR >			
CN101	1-784-776-11	CONNECTOR, FFC 15P (DA2ES)			
CN101	1-568-828-11	CONNECTOR, FFC 9P (DB1080)			
CN801	1-784-922-11	PIN, CONNECTOR 5P			
CN802	1-785-101-21	PIN, CONNECTOR (3.96mm PITCH) 3P			
CN803	1-785-102-11	PIN, CONNECTOR (3.96mm PITCH) 4P			
CN804	1-784-923-11	PIN, CONNECTOR 7P			
CN805	1-784-928-11	PIN, CONNECTOR 13P			
CN806	1-569-814-11	CONNECTOR, BOARD TO BOARD 21P			
CN807	1-569-814-11	CONNECTOR, BOARD TO BOARD 21P			
CN809	1-779-977-11	PIN, CONNECTOR 6P			
		< DIODE >			
D790	8-719-947-65	DIODE	MTZJ-T-72-16B (DA2ES: CND)		
D790	8-719-947-70	DIODE	MTZJ-T-72-18C (DA2ES: US)		
D790	8-719-947-84	DIODE	MTZJ-T-72-24D (DB1080)		
D791	8-719-911-19	DIODE	1SS119-25		
D796	8-719-911-19	DIODE	1SS119-25		
D802	8-719-911-19	DIODE	1SS119-25		
D803	8-719-911-19	DIODE	1SS119-25		
D804	8-719-911-19	DIODE	1SS119-25		
D809	8-719-911-19	DIODE	1SS119-25		
D810	8-719-911-19	DIODE	1SS119-25		
D811	8-719-911-19	DIODE	1SS119-25		
D812	8-719-911-19	DIODE	1SS119-25		
D813	8-719-911-19	DIODE	1SS119-25		
D814	8-719-911-19	DIODE	1SS119-25		
D815	8-719-985-88	DIODE	HZS6B2LTA		
D818	8-719-911-19	DIODE	1SS119-25		
D819	8-719-911-19	DIODE	1SS119-25		
D820	8-719-911-19	DIODE	1SS119-25		
		< IC >			
IC111	8-759-835-79	IC	TC9274N-016		
IC131	8-759-636-74	IC	M5218AP-22		
IC151	8-759-582-64	IC	TC9273N-004		
IC171	8-759-582-66	IC	TC9273N-013 (DA2ES)		
IC401	6-702-387-01	IC	CXD9725M		
IC402	8-759-636-74	IC	M5218AP-22		
IC403	6-700-943-01	IC	uPC2581V-S		
IC421	8-759-636-74	IC	M5218AP-22		
IC501	6-702-387-01	IC	CXD9725M		
IC502	8-759-636-74	IC	M5218AP-22		
IC503	6-700-943-01	IC	uPC2581V-S		
IC521	8-759-636-74	IC	M5218AP-22		
IC601	6-702-387-01	IC	CXD9725M		
IC602	8-759-636-74	IC	M5218AP-22		
IC603	6-700-943-01	IC	uPC2581V		
IC621	8-759-636-74	IC	M5218AP-22		
IC651	6-702-387-01	IC	CXD9725M		
IC652	8-759-636-74	IC	M5218AP-22		
IC801	8-759-231-59	IC	TA7815S		
IC802	8-759-245-87	IC	TA79015S		
IC804	8-759-243-51	IC	TC74ACT08P		
IC805	8-759-243-51	IC	TC74ACT08P		
		< JACK >			
J101	1-779-599-11	JACK, PIN 6P (MULTI CH IN 2 FRONT/SURROUND/CENTER/SUB WOOFER)			
J111	1-779-599-11	JACK, PIN 6P (MULTI CH IN 1 FRONT/SURROUND/CENTER/SURROUND BACK)			
J112	1-774-785-11	JACK, PIN 1P (MULTI CH IN 1 SUB WOOFER)			
J131	1-695-188-31	JACK, PIN 4P (PHONO IN, CD/SACD IN)			
J151	1-695-188-31	JACK, PIN 4P (MD/DAT OUT, MD/DAT IN)			
J152	1-695-188-31	JACK, PIN 4P (TAPE OUT, TAPE IN)			
		< COIL >			
L401	1-422-009-13	COIL, AIR-CORE			
L451	1-422-009-13	COIL, AIR-CORE			
L501	1-422-009-13	COIL, AIR-CORE			
L551	1-422-009-13	COIL, AIR-CORE			
L601	1-422-009-13	COIL, AIR-CORE			
L651	1-422-009-13	COIL, AIR-CORE			
		< TRANSISTOR >			
Q401	8-729-141-30	TRANSISTOR	2SC3623A-LK		
Q451	8-729-141-30	TRANSISTOR	2SC3623A-LK		
Q501	8-729-141-30	TRANSISTOR	2SC3623A-LK		
Q551	8-729-141-30	TRANSISTOR	2SC3623A-LK		
Q601	8-729-141-30	TRANSISTOR	2SC3623A-LK		
Q651	8-729-141-30	TRANSISTOR	2SC3623A-LK		
Q701	8-729-141-30	TRANSISTOR	2SC3623A-LK		
Q790	8-729-032-65	TRANSISTOR	2SD2396H		
Q791	8-729-140-84	TRANSISTOR	2SC1841-PAFAEA		
Q795	8-729-024-95	TRANSISTOR	2SB1565EF		
Q807	8-729-119-79	TRANSISTOR	2SC2785-FEK		
Q808	8-729-119-79	TRANSISTOR	2SC2785-FEK		
Q809	8-729-119-79	TRANSISTOR	2SC2785-FEK		
Q810	8-729-900-63	TRANSISTOR	DTA124ES		
Q813	8-729-900-63	TRANSISTOR	DTA124ES		
Q815	8-729-119-79	TRANSISTOR	2SC2785-FEK		
Q823	8-729-119-79	TRANSISTOR	2SC2785-FEK		
Q824	8-729-119-78	TRANSISTOR	2SC2785-HFE		
Q826	8-729-119-79	TRANSISTOR	2SC2785-FEK		
		< RESISTOR >			
R101	1-249-417-11	CARBON	1K	5%	1/4W
R102	1-249-417-11	CARBON	1K	5%	1/4W
R103	1-249-417-11	CARBON	1K	5%	1/4W
R104	1-249-417-11	CARBON	1K	5%	1/4W

MAIN

Ref. No.	Part No.	Description			Remark
R105	1-249-417-11	CARBON	1K	5%	1/4W
R106	1-249-417-11	CARBON	1K	5%	1/4W
R111	1-249-417-11	CARBON	1K	5%	1/4W
R112	1-249-417-11	CARBON	1K	5%	1/4W
R113	1-249-417-11	CARBON	1K	5%	1/4W
R114	1-249-417-11	CARBON	1K	5%	1/4W
R115	1-249-417-11	CARBON	1K	5%	1/4W
R116	1-249-417-11	CARBON	1K	5%	1/4W
R117	1-249-417-11	CARBON	1K	5%	1/4W
R119	1-249-417-11	CARBON	1K	5%	1/4W
R131	1-249-421-11	CARBON	2.2K	5%	1/4W (DB1080)
R132	1-249-421-11	CARBON	2.2K	5%	1/4W (DB1080)
R133	1-249-441-11	CARBON	100K	5%	1/4W
R134	1-249-441-11	CARBON	100K	5%	1/4W
R135	1-249-408-11	CARBON	180	5%	1/4W
R136	1-249-408-11	CARBON	180	5%	1/4W
R137	1-249-428-11	CARBON	8.2K	5%	1/4W
R138	1-249-428-11	CARBON	8.2K	5%	1/4W
R139	1-249-441-11	CARBON	100K	5%	1/4W
R140	1-249-441-11	CARBON	100K	5%	1/4W
R141	1-247-807-31	CARBON	100	5%	1/4W
R142	1-247-807-31	CARBON	100	5%	1/4W
R143	1-249-441-11	CARBON	100K	5%	1/4W
R144	1-249-441-11	CARBON	100K	5%	1/4W
R145	1-249-413-11	CARBON	470	5%	1/4W
R146	1-249-413-11	CARBON	470	5%	1/4W
R147	1-249-441-11	CARBON	100K	5%	1/4W
R148	1-249-441-11	CARBON	100K	5%	1/4W
R151	1-243-115-22	CARBON	1K	5%	1/4W (DB1080: AEP, UK)
R151	1-249-417-11	CARBON	1K	5%	1/4W (EXCEPT DB1080: AEP, UK)
R152	1-243-115-22	CARBON	1K	5%	1/4W (DB1080: AEP, UK)
R152	1-249-417-11	CARBON	1K	5%	1/4W (EXCEPT DB1080: AEP, UK)
R153	1-249-421-11	CARBON	2.2K	5%	1/4W
R154	1-249-421-11	CARBON	2.2K	5%	1/4W
R155	1-249-417-11	CARBON	1K	5%	1/4W
R156	1-249-417-11	CARBON	1K	5%	1/4W
R157	1-249-421-11	CARBON	2.2K	5%	1/4W
R158	1-249-421-11	CARBON	2.2K	5%	1/4W
R159	1-249-417-11	CARBON	1K	5%	1/4W
R160	1-249-417-11	CARBON	1K	5%	1/4W
R161	1-249-417-11	CARBON	1K	5%	1/4W
R181	1-249-417-11	CARBON	1K	5%	1/4W (DA2ES)
R401	1-249-427-11	CARBON	6.8K	5%	1/4W
R402	1-243-115-22	CARBON	1K	5%	1/4W (DB1080: AEP, UK)
R402	1-249-417-11	CARBON	1K	5%	1/4W (EXCEPT DB1080: AEP, UK)
R403	1-243-163-22	CARBON	100K	5%	1/4W (DB1080: AEP, UK)
R403	1-249-441-11	CARBON	100K	5%	1/4W (EXCEPT DB1080: AEP, UK)

Ref. No.	Part No.	Description			Remark
R404	1-249-417-11	CARBON	1K	5%	1/4W
R407	1-249-433-11	CARBON	22K	5%	1/4W
R408	1-243-115-22	CARBON	1K	5%	1/4W (DB1080: AEP, UK)
R408	1-249-417-11	CARBON	1K	5%	1/4W (EXCEPT DB1080: AEP, UK)
R409	1-243-159-22	CARBON	68K	5%	1/4W (DB1080: AEP, UK)
R409	1-249-439-11	CARBON	68K	5%	1/4W (EXCEPT DB1080: AEP, UK)
R410	1-249-422-11	CARBON	2.7K	5%	1/4W (EXCEPT DB1080: AEP, UK)
R410	1-249-683-31	CARBON	2.7K	5%	1/2W (DB1080: AEP, UK)
R411	1-249-439-11	CARBON	68K	5%	1/4W (EXCEPT DB1080: AEP, UK)
R411	1-249-494-11	CARBON	68K	5%	1/2W (DB1080: AEP, UK)
⚠R412	1-249-405-11	CARBON	100	5%	1/4W F
⚠R413	1-249-405-11	CARBON	100	5%	1/4W F
⚠R414	1-234-182-11	ENCAPSULATED COMPONENT	0.22	5W	F (EXCEPT DB1080: AEP, UK)
⚠R414	1-234-572-21	ENCAPSULATED COMPONENT	0.22	5W	F (DB1080: AEP, UK)
⚠R416	1-249-393-11	CARBON	10	5%	1/4W F
⚠R417	1-249-393-11	CARBON	10	5%	1/4W F
R421	1-243-163-22	CARBON	100K	5%	1/4W (DB1080: AEP, UK)
R421	1-249-441-11	CARBON	100K	5%	1/4W (EXCEPT DB1080: AEP, UK)
R451	1-249-427-11	CARBON	6.8K	5%	1/4W
R452	1-243-115-22	CARBON	1K	5%	1/4W (DB1080: AEP, UK)
R452	1-249-417-11	CARBON	1K	5%	1/4W (EXCEPT DB1080: AEP, UK)
R453	1-243-163-22	CARBON	100K	5%	1/4W (DB1080: AEP, UK)
R453	1-249-441-11	CARBON	100K	5%	1/4W (EXCEPT DB1080: AEP, UK)
R458	1-243-115-22	CARBON	1K	5%	1/4W (DB1080: AEP, UK)
R458	1-249-417-11	CARBON	1K	5%	1/4W (EXCEPT DB1080: AEP, UK)
R459	1-243-159-22	CARBON	68K	5%	1/4W (DB1080: AEP, UK)
R459	1-249-439-11	CARBON	68K	5%	1/4W (EXCEPT DB1080: AEP, UK)
R460	1-249-422-11	CARBON	2.7K	5%	1/4W (EXCEPT DB1080: AEP, UK)
R460	1-249-683-31	CARBON	2.7K	5%	1/2W (DB1080: AEP, UK)
R461	1-249-439-11	CARBON	68K	5%	1/4W (EXCEPT DB1080: AEP, UK)
R461	1-249-494-11	CARBON	68K	5%	1/2W (DB1080: AEP, UK)
⚠R462	1-249-405-11	CARBON	100	5%	1/4W F
⚠R463	1-249-405-11	CARBON	100	5%	1/4W F
⚠R464	1-234-182-11	ENCAPSULATED COMPONENT	0.22	5W	F (EXCEPT DB1080: AEP, UK)
⚠R464	1-234-572-21	ENCAPSULATED COMPONENT	0.22	5W	F DB1080: AEP, UK)
⚠R466	1-249-393-11	CARBON	10	5%	1/4W F

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MAIN

Ref. No.	Part No.	Description				Remark
⚠R467	1-249-393-11	CARBON	10	5%	1/4W	F
R471	1-243-163-22	CARBON	100K	5%	1/4W	
						(DB1080: AEP, UK)
R471	1-249-441-11	CARBON	100K	5%	1/4W	
						(EXCEPT DB1080: AEP, UK)
R501	1-249-427-11	CARBON	6.8K	5%	1/4W	
R502	1-243-115-22	CARBON	1K	5%	1/4W	
						(DB1080: AEP, UK)
R502	1-249-417-11	CARBON	1K	5%	1/4W	
						(EXCEPT DB1080: AEP, UK)
R503	1-243-163-22	CARBON	100K	5%	1/4W	
						(DB1080: AEP, UK)
R503	1-249-441-11	CARBON	100K	5%	1/4W	
						(EXCEPT DB1080: AEP, UK)
R504	1-249-417-11	CARBON	1K	5%	1/4W	
R507	1-249-433-11	CARBON	22K	5%	1/4W	
R508	1-243-115-22	CARBON	1K	5%	1/4W	
						(DB1080: AEP, UK)
R508	1-249-417-11	CARBON	1K	5%	1/4W	
						(EXCEPT DB1080: AEP, UK)
R509	1-243-159-22	CARBON	68K	5%	1/4W	
						(DB1080: AEP, UK)
R509	1-249-439-11	CARBON	68K	5%	1/4W	
						(EXCEPT DB1080: AEP, UK)
R510	1-249-422-11	CARBON	2.7K	5%	1/4W	
						(EXCEPT DB1080: AEP, UK)
R510	1-249-683-31	CARBON	2.7K	5%	1/2W	
						(DB1080: AEP, UK)
R511	1-249-439-11	CARBON	68K	5%	1/4W	
						(EXCEPT DB1080: AEP, UK)
R511	1-249-494-11	CARBON	68K	5%	1/2W	
						(DB1080: AEP, UK)
⚠R512	1-249-405-11	CARBON	100	5%	1/4W	F
⚠R513	1-249-405-11	CARBON	100	5%	1/4W	F
⚠R514	1-234-182-11	ENCAPSULATED COMPONENT 0.22			5W	F
						(EXCEPT DB1080: AEP, UK)
⚠R514	1-234-572-21	ENCAPSULATED COMPONENT 0.22			5W	F
						(DB1080: AEP, UK)
⚠R516	1-249-393-11	CARBON	10	5%	1/4W	F
⚠R517	1-249-393-11	CARBON	10	5%	1/4W	F
R521	1-243-163-22	CARBON	100K	5%	1/4W	
						(DB1080: AEP, UK)
R521	1-249-441-11	CARBON	100K	5%	1/4W	
						(EXCEPT DB1080: AEP, UK)
R551	1-249-427-11	CARBON	6.8K	5%	1/4W	
R552	1-243-115-22	CARBON	1K	5%	1/4W	
						(DB1080: AEP, UK)
R552	1-249-417-11	CARBON	1K	5%	1/4W	
						(EXCEPT DB1080: AEP, UK)
R553	1-243-163-22	CARBON	100K	5%	1/4W	
						(DB1080: AEP, UK)
R553	1-249-441-11	CARBON	100K	5%	1/4W	
						(EXCEPT DB1080: AEP, UK)
R558	1-243-115-22	CARBON	1K	5%	1/4W	
						(DB1080: AEP, UK)
R558	1-249-417-11	CARBON	1K	5%	1/4W	
						(EXCEPT DB1080: AEP, UK)
R559	1-243-159-22	CARBON	68K	5%	1/4W	
						(DB1080: AEP, UK)
R559	1-249-439-11	CARBON	68K	5%	1/4W	
						(EXCEPT DB1080: AEP, UK)
R560	1-249-422-11	CARBON	2.7K	5%	1/4W	
						(EXCEPT DB1080: AEP, UK)
R560	1-249-683-31	CARBON	2.7K	5%	1/2W	
						(DB1080: AEP, UK)
R561	1-249-439-11	CARBON	68K	5%	1/4W	
						(EXCEPT DB1080: AEP, UK)
R561	1-249-494-11	CARBON	68K	5%	1/2W	
						DB1080: AEP, UK)
⚠R562	1-249-405-11	CARBON	100	5%	1/4W	F
⚠R563	1-249-405-11	CARBON	100	5%	1/4W	F
⚠R564	1-234-182-11	ENCAPSULATED COMPONENT 0.22			5W	F
						(EXCEPT DB1080: AEP, UK)
⚠R564	1-234-572-21	ENCAPSULATED COMPONENT 0.22			5W	F
						(DB1080: AEP, UK)
⚠R566	1-249-393-11	CARBON	10	5%	1/4W	F
⚠R567	1-249-393-11	CARBON	10	5%	1/4W	F
R571	1-243-163-22	CARBON	100K	5%	1/4W	
						(DB1080: AEP, UK)
R571	1-249-441-11	CARBON	100K	5%	1/4W	
						(EXCEPT DB1080: AEP, UK)
R601	1-249-427-11	CARBON	6.8K	5%	1/4W	
R602	1-243-115-22	CARBON	1K	5%	1/4W	
						(DB1080: AEP, UK)
R602	1-249-417-11	CARBON	1K	5%	1/4W	
						(EXCEPT DB1080: AEP, UK)
R603	1-243-163-22	CARBON	100K	5%	1/4W	
						(DB1080: AEP, UK)
R603	1-249-441-11	CARBON	100K	5%	1/4W	
						(EXCEPT DB1080: AEP, UK)
R604	1-249-417-11	CARBON	1K	5%	1/4W	
R607	1-249-433-11	CARBON	22K	5%	1/4W	
R608	1-243-115-22	CARBON	1K	5%	1/4W	
						(DB1080: AEP, UK)
R608	1-249-417-11	CARBON	1K	5%	1/4W	
						(EXCEPT DB1080: AEP, UK)
R609	1-243-159-22	CARBON	68K	5%	1/4W	
						(DB1080: AEP, UK)
R609	1-249-439-11	CARBON	68K	5%	1/4W	
						(EXCEPT DB1080: AEP, UK)
R610	1-249-422-11	CARBON	2.7K	5%	1/4W	
						(EXCEPT DB1080: AEP, UK)
R610	1-249-683-31	CARBON	2.7K	5%	1/2W	
						(DB1080: AEP, UK)
R611	1-249-439-11	CARBON	68K	5%	1/4W	
						(EXCEPT DB1080: AEP, UK)
R611	1-249-494-11	CARBON	68K	5%	1/2W	
						(DB1080: AEP, UK)
⚠R612	1-249-405-11	CARBON	100	5%	1/4W	F
⚠R613	1-249-405-11	CARBON	100	5%	1/4W	F
⚠R614	1-234-182-11	ENCAPSULATED COMPONENT 0.22			5W	F
						(EXCEPT DB1080: AEP, UK)
⚠R614	1-234-572-21	ENCAPSULATED COMPONENT 0.22			5W	F
						(DB1080: AEP, UK)
⚠R616	1-249-393-11	CARBON	10	5%	1/4W	F
⚠R617	1-249-393-11	CARBON	10	5%	1/4W	F
R621	1-243-163-22	CARBON	100K	5%	1/4W	
						(DB1080: AEP, UK)
R621	1-249-441-11	CARBON	100K	5%	1/4W	
						(EXCEPT DB1080: AEP, UK)
R651	1-249-427-11	CARBON	6.8K	5%	1/4W	
R652	1-243-115-22	CARBON	1K	5%	1/4W	
						(DB1080: AEP, UK)

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MAIN **MIX**

Ref. No.	Part No.	Description			Remark
R652	1-249-417-11	CARBON	1K	5%	1/4W
			(EXCEPT DB1080: AEP, UK)		
R653	1-243-163-22	CARBON	100K	5%	1/4W
			(DB1080: AEP, UK)		
R653	1-249-441-11	CARBON	100K	5%	1/4W
			(EXCEPT DB1080: AEP, UK)		
R654	1-243-115-22	CARBON	1K	5%	1/4W
			(DB1080: AEP, UK)		
R654	1-249-417-11	CARBON	1K	5%	1/4W
			(EXCEPT DB1080: AEP, UK)		
R658	1-243-115-22	CARBON	1K	5%	1/4W
			(DB1080: AEP, UK)		
R658	1-249-417-11	CARBON	1K	5%	1/4W
			(EXCEPT DB1080: AEP, UK)		
R659	1-243-159-22	CARBON	68K	5%	1/4W
			(DB1080: AEP, UK)		
R659	1-249-439-11	CARBON	68K	5%	1/4W
			(EXCEPT DB1080: AEP, UK)		
R660	1-249-422-11	CARBON	2.7K	5%	1/4W
			(EXCEPT DB1080: AEP, UK)		
R660	1-249-683-31	CARBON	2.7K	5%	1/2W
			(DB1080: AEP, UK)		
R661	1-249-439-11	CARBON	68K	5%	1/4W
			(EXCEPT DB1080: AEP, UK)		
R661	1-249-494-11	CARBON	68K	5%	1/2W
			(DB1080: AEP, UK)		
⚠R662	1-249-405-11	CARBON	100	5%	1/4W F
⚠R663	1-249-405-11	CARBON	100	5%	1/4W F
⚠R664	1-234-182-11	ENCAPSULATED COMPONENT	0.22	5%	5W F
			(EXCEPT DB1080: AEP, UK)		
⚠R664	1-234-572-21	ENCAPSULATED COMPONENT	0.22	5%	5W F
			(DB1080: AEP, UK)		
⚠R666	1-249-393-11	CARBON	10	5%	1/4W F
⚠R667	1-249-393-11	CARBON	10	5%	1/4W F
R671	1-243-163-22	CARBON	100K	5%	1/4W
			(DB1080: AEP, UK)		
R671	1-249-441-11	CARBON	100K	5%	1/4W
			(EXCEPT DB1080: AEP, UK)		
R701	1-249-427-11	CARBON	6.8K	5%	1/4W
R702	1-243-115-22	CARBON	1K	5%	1/4W
			(DB1080: AEP, UK)		
R702	1-249-417-11	CARBON	1K	5%	1/4W
			(EXCEPT DB1080: AEP, UK)		
R703	1-243-163-22	CARBON	100K	5%	1/4W
			(DB1080: AEP, UK)		
R703	1-249-441-11	CARBON	100K	5%	1/4W
			(EXCEPT DB1080: AEP, UK)		
R721	1-243-163-22	CARBON	100K	5%	1/4W
			(DB1080: AEP, UK)		
R721	1-249-441-11	CARBON	100K	5%	1/4W
			(EXCEPT DB1080: AEP, UK)		
R732	1-249-441-11	CARBON	100K	5%	1/4W
⚠R790	1-249-393-11	CARBON	10	5%	1/4W F
⚠R791	1-215-873-81	METAL OXIDE	4.7K	5%	1W F
R792	1-249-413-11	CARBON	470	5%	1/4W
⚠R795	1-249-393-11	CARBON	10	5%	1/4W F
R796	1-249-425-11	CARBON	4.7K	5%	1/4W
R797	1-249-413-11	CARBON	470	5%	1/4W
R812	1-249-421-11	CARBON	2.2K	5%	1/4W
R813	1-249-421-11	CARBON	2.2K	5%	1/4W
R814	1-249-421-11	CARBON	2.2K	5%	1/4W
R815	1-249-429-11	CARBON	10K	5%	1/4W
R816	1-249-429-11	CARBON	10K	5%	1/4W
R817	1-249-429-11	CARBON	10K	5%	1/4W
R818	1-249-429-11	CARBON	10K	5%	1/4W
⚠R820	1-249-393-11	CARBON	10	5%	1/4W F
⚠R822	1-249-393-11	CARBON	10	5%	1/4W F
⚠R824	1-215-867-00	METAL OXIDE	470	5%	1W F
⚠R825	1-215-867-00	METAL OXIDE	470	5%	1W F
R826	1-247-903-00	CARBON	1M	5%	1/4W
R827	1-249-417-11	CARBON	1K	5%	1/4W
R828	1-249-425-11	CARBON	4.7K	5%	1/4W
⚠R829	1-249-393-11	CARBON	10	5%	1/4W F
⚠R830	1-249-393-11	CARBON	10	5%	1/4W F
R831	1-249-429-11	CARBON	10K	5%	1/4W
R832	1-249-425-11	CARBON	4.7K	5%	1/4W
R833	1-247-903-00	CARBON	1M	5%	1/4W
R836	1-249-429-11	CARBON	10K	5%	1/4W
R837	1-249-429-11	CARBON	10K	5%	1/4W
R838	1-249-421-11	CARBON	2.2K	5%	1/4W
R839	1-249-429-11	CARBON	10K	5%	1/4W
⚠R840	1-249-399-11	CARBON	33	5%	1/4W F
⚠R841	1-249-399-11	CARBON	33	5%	1/4W F
⚠R845	1-249-399-11	CARBON	33	5%	1/4W F
⚠R846	1-249-399-11	CARBON	33	5%	1/4W F
R847	1-249-421-11	CARBON	2.2K	5%	1/4W
R848	1-249-429-11	CARBON	10K	5%	1/4W
⚠R849	1-249-393-11	CARBON	10	5%	1/4W F
		< RELAY >			
RY801	1-515-920-11	RELAY (24V)			
RY803	1-515-920-11	RELAY (24V)			
RY805	1-515-793-11	RELAY			
RY806	1-515-920-11	RELAY (24V)			
RY807	1-755-483-11	RELAY			
		< TERMINAL >			
TM501	1-694-935-11	TERMINAL BOARD (SP) (8P) (SPEAKERS SURROUND/CENTER/SURROUND BACK) (DA2ES)			
TM501	1-694-935-21	TERMINAL BOARD (SP) (8P) (SPEAKERS SURROUND/CENTER/SURROUND BACK) (DB1080)			
**********					
	1-685-267-11	MIX BOARD			
		**********			
		< CAPACITOR >			
C753	1-127-876-11	CERAMIC	0.01uF	10%	50V
C754	1-128-809-11	CERAMIC	100PF	5%	50V
C755	1-126-965-11	ELECT	22uF	20%	50V (DA2ES)
C755	1-128-858-11	ELECT	22uF	20%	50V (DB1080: E, SP, MY, KR)
C755	1-135-744-11	ELECT	22uF		50V (DB1080: AEP, UK)
C765	1-126-965-11	ELECT	22uF	20%	50V (DA2ES)
C765	1-128-858-11	ELECT	22uF	20%	50V (DB1080: SP, MY, KR)

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MIX **MUTING** **POWER** **S-VIDEO**

Ref. No.	Part No.	Description			Remark
C765	1-135-744-11	ELECT	22uF		50V (DB1080: AEP, UK)
		< CONNECTOR >			
CN751	1-779-439-11	PIN, BOARD TO BOARD (L TYPE) 13P			
		< IC >			
IC751	8-759-590-10	IC TC9273F-012 (EL)			
IC752	8-759-636-74	IC M5218AP-22			
IC753	8-759-636-74	IC M5218AP-22			
		< RESISTOR >			
R751	1-249-429-11	CARBON	10K	5%	1/4W
R752	1-249-431-11	CARBON	15K	5%	1/4W
R753	1-249-425-11	CARBON	4.7K	5%	1/4W
R754	1-249-429-11	CARBON	10K	5%	1/4W
R755	1-249-429-11	CARBON	10K	5%	1/4W
R756	1-249-429-11	CARBON	10K	5%	1/4W
R757	1-249-399-11	CARBON	33	5%	1/4W
R758	1-249-417-11	CARBON	1K	5%	1/4W
R759	1-249-431-11	CARBON	15K	5%	1/4W
R761	1-249-429-11	CARBON	10K	5%	1/4W
R762	1-249-431-11	CARBON	15K	5%	1/4W
R763	1-249-425-11	CARBON	4.7K	5%	1/4W
R764	1-249-429-11	CARBON	10K	5%	1/4W
R765	1-249-429-11	CARBON	10K	5%	1/4W
R766	1-249-429-11	CARBON	10K	5%	1/4W
R767	1-249-399-11	CARBON	33	5%	1/4W
R769	1-249-431-11	CARBON	15K	5%	1/4W
**********					
	1-684-332-11	MUTING BOARD			
		**********			
		< CONNECTOR >			
* CN1951	1-695-808-11	CONNECTOR, PC BOARD 8P			
		< LED >			
D1951	8-719-046-39	LED SEL5821A-TP15 (AUDIO SPLIT)			
		< RESISTOR >			
R1951	1-249-417-11	CARBON	1K	5%	1/4W
R1952	1-249-421-11	CARBON	2.2K	5%	1/4W
R1953	1-249-409-11	CARBON	220	5%	1/4W
		< ROTARY ENCODER >			
RV1951	1-467-808-21	ENCODER, ROTARY (FUNCTION)			
		< SWITCH >			
S1951	1-762-875-21	SWITCH, KEYBOARD (INPUT MODE)			
S1952	1-762-875-21	SWITCH, KEYBOARD (AUDIO SPLIT)			
S1953	1-762-875-21	SWITCH, KEYBOARD (MUTING)			
**********					

Ref. No.	Part No.	Description			Remark
	1-684-333-11	POWER BOARD			
		**********			
		< CAPACITOR >			
C1901	1-126-947-11	ELECT	47uF	20%	16V
		< CONNECTOR >			
CN1901	1-770-404-11	HOUSING, CONNECTOR (PC BOARD) 11P			
		< DIODE >			
D1901	8-719-911-19	DIODE 1SS119-25 (EXCEPT DB1080: E)			
D1902	8-719-911-19	DIODE 1SS119-25 (EXCEPT DB1080: E)			
		< IC >			
IC1901	8-759-826-34	IC NJL74H400A (REMOTE CONTROL RECEIVER)			
		< RESISTOR >			
R1901	1-247-807-31	CARBON	100	5%	1/4W
R1902	1-249-393-11	CARBON	10	5%	1/4W
R1903	1-249-433-11	CARBON	22K	5%	1/4W
R1904	1-249-417-11	CARBON	1K	5%	1/4W
R1905	1-249-433-11	CARBON	22K	5%	1/4W
		< SWITCH >			
S1901	1-762-268-11	SWITCH, ROTARY (SPEAKERS) (EXCEPT DB1080: E)			
S1901	1-786-151-11	SWITCH, ROTARY (SPEAKERS) (DB1080: E)			
S1902	1-762-875-21	SWITCH, KEYBOARD (DIMMER)			
S1903	1-762-875-21	SWITCH, KEYBOARD (DISPLAY)			
S1904	1-762-875-21	SWITCH, KEYBOARD (I/⏻)			
**********					
	A-4728-488-A	S-VIDEO BOARD, COMPLETE (DA2ES)			
	A-4728-504-A	S-VIDEO BOARD, COMPLETE (DB1080)			
		**********			
		< CAPACITOR >			
C852	1-128-805-11	CERAMIC	47PF	5%	50V
C853	1-128-805-11	CERAMIC	47PF	5%	50V
C854	1-128-825-11	CERAMIC	2200PF	5%	50V
C855	1-136-165-00	MYLAR	0.1uF	5%	50V
C856	1-136-165-00	MYLAR	0.1uF	5%	50V
C857	1-136-165-00	MYLAR	0.1uF	5%	50V
C858	1-126-964-11	ELECT	10uF	20%	50V
C859	1-126-964-11	ELECT	10uF	20%	50V
C860	1-126-964-11	ELECT	10uF	20%	50V
C861	1-128-825-11	CERAMIC	2200PF	5%	50V
C862	1-128-825-11	CERAMIC	2200PF	5%	50V
C863	1-127-888-11	CERAMIC	0.1uF	10%	50V
C864	1-136-165-00	MYLAR	0.1uF	5%	50V
C865	1-128-817-11	CERAMIC	470PF	5%	50V (DA2ES)
C866	1-126-947-11	ELECT	47uF	20%	16V (DA2ES)
C867	1-127-888-11	CERAMIC	0.1uF	10%	50V
C868	1-128-817-11	CERAMIC	470PF	5%	50V (DA2ES)

S-VIDEO **SP**

Ref. No.	Part No.	Description			Remark
C869	1-127-888-11	CERAMIC	0.1uF	10%	50V
C870	1-126-964-11	ELECT	10uF	20%	50V
C872	1-127-888-11	CERAMIC	0.1uF	10%	50V
		< CONNECTOR >			
* CN851	1-569-306-11	SOCKET, CONNECTOR (L TYRE) 15P (DB1080)			
CN851	1-569-308-11	SOCKET, CONNECTOR (L TYRE) 19P (DA2ES)			
* CN853	1-564-720-11	PIN, CONNECTOR (SMALL TYPE) 4P			
		< DIODE >			
D850	8-719-911-19	DIODE 1SS119-25			
D851	8-719-911-19	DIODE 1SS119-25			
		< IC >			
IC850	6-701-890-01	IC NJM2595D			
IC851	8-759-666-33	IC NJM2145D (DA2ES)			
IC852	6-701-890-01	IC NJM2595D			
		< CONNECTOR/JACK >			
J850	1-764-676-11	CONNECTOR (ROUND TYPE) (TV/SAT S-VIDEO IN), DVD/LD S-VIDEO IN)			
J851	1-537-943-11	CONNECTOR (DIN) 1P (MONITOR S-VIDEO IN)			
J852	1-764-676-11	CONNECTOR (ROUND TYPE) (VIDEO 1 S-VIDEO IN/OUT)			
J853	1-563-330-11	JACK (VIDEO 1 CTRL S OUT)) (DA2ES)			
J854	1-563-330-11	JACK (DVD/LD CTRL S OUT) (DA2ES)			
J855	1-563-330-11	JACK (TV/SAT CTRL S STATUS IN) (DA2ES)			
J856	1-563-330-11	JACK (MONITOR CTRL S OUT) (DA2ES)			
		< TRANSISTOR >			
Q850	8-729-116-02	TRANSISTOR	BA1A4M-TP (DA2ES)		
Q851	8-729-422-57	TRANSISTOR	UN4111 (DA2ES)		
Q852	8-729-422-57	TRANSISTOR	UN4111 (DA2ES)		
Q853	8-729-116-02	TRANSISTOR	BA1A4M-TP (DA2ES)		
		< RESISTOR >			
R850	1-249-417-11	CARBON	1K	5%	1/4W (DA2ES)
R851	1-249-417-11	CARBON	1K	5%	1/4W (DA2ES)
R852	1-249-417-11	CARBON	1K	5%	1/4W (DA2ES)
R853	1-249-417-11	CARBON	1K	5%	1/4W (DA2ES)
R854	1-247-804-11	CARBON	75	5%	1/4W
R855	1-247-804-11	CARBON	75	5%	1/4W
R856	1-247-804-11	CARBON	75	5%	1/4W
R857	1-247-804-11	CARBON	75	5%	1/4W
R858	1-247-804-11	CARBON	75	5%	1/4W
R859	1-247-804-11	CARBON	75	5%	1/4W
R860	1-247-804-11	CARBON	75	5%	1/4W
R861	1-247-804-11	CARBON	75	5%	1/4W
R862	1-247-804-11	CARBON	75	5%	1/4W
R863	1-247-804-11	CARBON	75	5%	1/4W
R864	1-249-425-11	CARBON	4.7K	5%	1/4W (DA2ES)
R865	1-249-429-11	CARBON	10K	5%	1/4W (DA2ES)
R866	1-249-427-11	CARBON	6.8K	5%	1/4W (DA2ES)
R867	1-249-429-11	CARBON	10K	5%	1/4W (DA2ES)
R868	1-249-427-11	CARBON	6.8K	5%	1/4W (DA2ES)
R869	1-249-429-11	CARBON	10K	5%	1/4W (DA2ES)
R872	1-247-807-31	CARBON	100	5%	1/4W (DA2ES)
R873	1-249-429-11	CARBON	10K	5%	1/4W (DA2ES)
R874	1-247-807-31	CARBON	100	5%	1/4W (DA2ES)
**********					
	1-684-338-11	SP BOARD			
		*********			
		< CAPACITOR >			
C445	1-128-809-11	CERAMIC	100PF	5%	50V (DA2ES/DB1080: AEP, UK)
C445	1-128-817-11	CERAMIC	470PF	5%	50V (DB1080: E, SP, MY, KR)
C446	1-127-872-11	CERAMIC	4700PF	10%	50V (DB1080)
C449	1-126-965-11	ELECT	22uF	20%	50V (EXCEPT DB1080: AEP, UK)
C449	1-128-858-11	ELECT	22uF	20%	50V (DB1080: AEP, UK)
C495	1-128-809-11	CERAMIC	100PF	5%	50V (DA2ES/DB1080: AEP, UK)
C495	1-128-817-11	CERAMIC	470PF	5%	50V (DB1080: E, SP, MY, KR)
C496	1-127-872-11	CERAMIC	4700PF	10%	50V (DB1080)
C497	1-128-809-11	CERAMIC	100PF	5%	50V
C499	1-126-965-11	ELECT	22uF	20%	50V (EXCEPT DB1080: AEP, UK)
C499	1-128-858-11	ELECT	22uF	20%	50V (DB1080: AEP, UK)
C549	1-126-965-11	ELECT	22uF	20%	50V (EXCEPT DB1080: AEP, UK)
C549	1-128-858-11	ELECT	22uF	20%	50V (DB1080: AEP, UK)
C599	1-126-965-11	ELECT	22uF	20%	50V (EXCEPT DB1080: AEP, UK)
C599	1-128-858-11	ELECT	22uF	20%	50V (DB1080: AEP, UK)
C649	1-126-965-11	ELECT	22uF	20%	50V (EXCEPT DB1080: AEP, UK)
C649	1-128-858-11	ELECT	22uF	20%	50V (DB1080: AEP, UK)
C699	1-126-965-11	ELECT	22uF	20%	50V (EXCEPT DB1080: AEP, UK)
C699	1-128-858-11	ELECT	22uF	20%	50V (DB1080: AEP, UK)
		< DIODE >			
D448	8-719-911-19	DIODE 1SS119-25			
D449	8-719-911-19	DIODE 1SS119-25			

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SP **SP-B** **SW**

Ref. No.	Part No.	Description				Remark
		< JACK >				
J449	1-766-396-11	JACK, PIN 4P (PRE OUT FRONT/SURROUND)				
J699	1-784-017-11	JACK, PIN 4P (PRE OUT CENTER/ SURROUND BACK, SUB WOOFER OUT)				
		< RESISTOR >				
⚠R446	1-249-393-11	CARBON	10	5%	1/4W	F (DB1080)
⚠R447	1-249-393-11	CARBON	10	5%	1/4W	F
R448	1-249-417-11	CARBON	1K	5%	1/4W	
R449	1-249-441-11	CARBON	100K	5%	1/4W	
⚠R496	1-249-393-11	CARBON	10	5%	1/4W	F (DB1080)
⚠R497	1-249-393-11	CARBON	10	5%	1/4W	F
R498	1-249-417-11	CARBON	1K	5%	1/4W	
R499	1-249-441-11	CARBON	100K	5%	1/4W	
R548	1-249-417-11	CARBON	1K	5%	1/4W	
R549	1-249-441-11	CARBON	100K	5%	1/4W	
R598	1-249-417-11	CARBON	1K	5%	1/4W	
R599	1-249-441-11	CARBON	100K	5%	1/4W	
R648	1-249-417-11	CARBON	1K	5%	1/4W	
R649	1-249-441-11	CARBON	100K	5%	1/4W	
R698	1-249-417-11	CARBON	1K	5%	1/4W	
R699	1-249-441-11	CARBON	100K	5%	1/4W	
R748	1-243-115-22	CARBON	1K	5%	1/4W	(DB1080: AEP, UK)
R748	1-249-417-11	CARBON	1K	5%	1/4W	(EXCEPT DB1080: AEP, UK)
		< RELAY >				
RY448	1-515-920-11	RELAY (24V)				
RY449	1-755-485-11	RELAY				
RY549	1-755-485-11	RELAY				
RY699	1-755-485-11	RELAY				
		< TERMINAL >				
TM449	1-694-933-11	TERMINAL BOARD (4P) (FRONT A SPEAKERS)				(DA2ES)
TM449	1-694-933-21	TERMINAL BOARD (4P) (FRONT A SPEAKERS)				(DB1080)
**********						
	1-685-199-11	SP-B BOARD (EXCEPT DB1080: E)				
		**********				
		< CAPACITOR >				
C443	1-127-872-11	CERAMIC	4700PF	10%	50V	(EXCEPT DA2ES/DB1080: KR)
C444	1-128-809-11	CERAMIC	100PF	5%	50V	(DA2ES)
C444	1-128-817-11	CERAMIC	470PF	5%	50V	(EXCEPT DA2ES/DB1080: KR)
C493	1-127-872-11	CERAMIC	4700PF	10%	50V	(EXCEPT DA2ES/DB1080: KR)
C494	1-128-809-11	CERAMIC	100PF	5%	50V	(DA2ES)
C494	1-128-817-11	CERAMIC	470PF	5%	50V	(EXCEPT DA2ES/DB1080: KR)

Ref. No.	Part No.	Description				Remark
		< CONNECTOR >				
CN444	1-691-769-11	PLUG (MICRO CONNECTOR) 7P				(EXCEPT DB1080: E)
		< DIODE >				
D444	8-719-911-19	DIODE 1SS119-25 (EXCEPT DB1080: E)				
		< TRANSISTOR >				
Q444	8-729-119-78	TRANSISTOR	2SC2785-HFE			(EXCEPT DB1080: E)
		< RESISTOR >				
R441	1-249-429-11	CARBON	10K	5%	1/4W	(EXCEPT DB1080: E)
R442	1-249-421-11	CARBON	2.2K	5%	1/4W	(EXCEPT DB1080: E)
⚠R443	1-249-393-11	CARBON	10	5%	1/4W	F (EXCEPT DA2ES/DB1080: E)
⚠R444	1-249-393-11	CARBON	10	5%	1/4W	F (EXCEPT DB1080: E)
⚠R493	1-249-393-11	CARBON	10	5%	1/4W	F (EXCEPT DA2ES/DB1080: E)
		< RELAY >				
RY444	1-515-920-11	RELAY (24V) (EXCEPT DB1080: E)				
		< TERMINAL >				
TM444	1-537-925-52	TERMINAL BOARD (FRONT B SPEAKERS)				(EXCEPT DB1080: E)
**********						
	A-4728-475-A	SW BOARD, COMPLETE				
		**********				
		< CONNECTOR >				
CN1051	1-770-404-11	HOUSING, CONNECTOR (PC BOARD) 11P				
		< RESISTOR >				
R1052	1-249-417-11	CARBON	1K	5%	1/4W	
R1053	1-249-421-11	CARBON	2.2K	5%	1/4W	
R1054	1-249-421-11	CARBON	2.2K	5%	1/4W	
R1055	1-249-425-11	CARBON	4.7K	5%	1/4W	
R1056	1-249-429-11	CARBON	10K	5%	1/4W	
R1057	1-249-433-11	CARBON	22K	5%	1/4W	
R1058	1-249-437-11	CARBON	47K	5%	1/4W	
R1062	1-249-417-11	CARBON	1K	5%	1/4W	
R1063	1-249-421-11	CARBON	2.2K	5%	1/4W	
R1064	1-249-421-11	CARBON	2.2K	5%	1/4W	
R1065	1-249-425-11	CARBON	4.7K	5%	1/4W	
R1066	1-249-429-11	CARBON	10K	5%	1/4W	
R1067	1-249-433-11	CARBON	22K	5%	1/4W	
R1068	1-249-437-11	CARBON	47K	5%	1/4W	
R1073	1-249-421-11	CARBON	2.2K	5%	1/4W	
R1074	1-249-421-11	CARBON	2.2K	5%	1/4W	
R1075	1-249-425-11	CARBON	4.7K	5%	1/4W	
R1076	1-249-429-11	CARBON	10K	5%	1/4W	
R1077	1-249-433-11	CARBON	22K	5%	1/4W	
R1084	1-249-421-11	CARBON	2.2K	5%	1/4W	

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SW **UP CONVERT**

Ref. No.	Part No.	Description			Remark
R1085	1-249-425-11	CARBON	4.7K	5%	1/4W
R1086	1-249-429-11	CARBON	10K	5%	1/4W
R1087	1-249-433-11	CARBON	22K	5%	1/4W
R1092	1-249-417-11	CARBON	1K	5%	1/4W
R1093	1-249-421-11	CARBON	2.2K	5%	1/4W
R1094	1-249-421-11	CARBON	2.2K	5%	1/4W
R1095	1-249-425-11	CARBON	4.7K	5%	1/4W
		< ROTARY ENCODER >			
RV1051	1-418-921-11	ENCODER, ROTARY (JOG DIAL)			
		< SWITCH >			
S1051	1-762-875-21	SWITCH, KEYBOARD (ENTER)			
S1052	1-762-875-21	SWITCH, KEYBOARD (>)			
S1053	1-762-875-21	SWITCH, KEYBOARD (<)			
S1054	1-762-875-21	SWITCH, KEYBOARD (LEVEL)			
S1055	1-762-875-21	SWITCH, KEYBOARD (SURR)			
S1056	1-762-875-21	SWITCH, KEYBOARD (EQ)			
S1057	1-762-875-21	SWITCH, KEYBOARD (CUSTOMIZE)			
S1058	1-762-875-21	SWITCH, KEYBOARD (SET UP)			
S1061	1-762-875-21	SWITCH, KEYBOARD (EQUALIZER)			
S1062	1-762-875-21	SWITCH, KEYBOARD (NIGHT MODE)			
S1063	1-762-875-21	SWITCH, KEYBOARD (TEST TONE)			
S1064	1-762-875-21	SWITCH, KEYBOARD (TUNING +) (EXCEPT DB1080: AEP, UK)			
S1064	1-762-875-21	SWITCH, KEYBOARD (TUNING/PTY SELECT +) (DB1080: AEP, UK)			
S1065	1-762-875-21	SWITCH, KEYBOARD (TUNING –) (EXCEPT DB1080: AEP, UK)			
S1065	1-762-875-21	SWITCH, KEYBOARD (TUNING/PTY SELECT –) (DB1080: AEP, UK)			
S1066	1-762-875-21	SWITCH, KEYBOARD (2ND ROOM) (DA2ES)			
S1066	1-762-875-21	SWITCH, KEYBOARD (RDS, PTY) (DB1080: AEP, UK)			
S1066	1-762-875-21	SWITCH, KEYBOARD (SLEEP) (DB1080: E, SP, MY, KR)			
S1067	1-762-875-21	SWITCH, KEYBOARD (FM MODE)			
S1068	1-762-875-21	SWITCH, KEYBOARD (MEMORY)			
S1073	1-762-875-21	SWITCH, KEYBOARD (ON SCREEN)			
S1074	1-762-875-21	SWITCH, KEYBOARD (□□PLII/NEO:6)			
S1075	1-762-875-21	SWITCH, KEYBOARD (6.1CH DECODING)			
S1076	1-762-875-21	SWITCH, KEYBOARD (CINEMA STUDIO EX)			
S1077	1-762-875-21	SWITCH, KEYBOARD (DIGITAL CONCERT HALL)			
S1084	1-762-875-21	SWITCH, KEYBOARD (MODE –)			
S1085	1-762-875-21	SWITCH, KEYBOARD (MULTI CH DIRECT)			
S1086	1-762-875-21	SWITCH, KEYBOARD (A.DIRECT)			
S1087	1-762-875-21	SWITCH, KEYBOARD (MODE +)			
S1091	1-762-875-21	SWITCH, KEYBOARD (FM/AM)			
S1092	1-762-875-21	SWITCH, KEYBOARD (PRESET TUNING –)			
S1093	1-762-875-21	SWITCH, KEYBOARD (PRESET TUNING +)			
S1094	1-762-875-21	SWITCH, KEYBOARD (2CH ST)			
S1095	1-762-875-21	SWITCH, KEYBOARD (AUTO DEC.)			

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Ref. No.	Part No.	Description			Remark
	A-4728-955-A	UP CONVERT BOARD, COMPLETE (DA2ES)			
		**********			
		< CAPACITOR >			
C3100	1-163-235-11	CERAMIC CHIP	22PF	5%	50V
C3101	1-163-229-11	CERAMIC CHIP	12PF	5%	50V
C3102	1-126-947-11	ELECT	47uF	20%	10V
C3103	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3104	1-126-947-11	ELECT	47uF	20%	10V
C3105	1-104-665-11	ELECT	100uF	20%	10V
C3106	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3107	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C3108	1-126-959-11	ELECT	0.47uF	20%	50V
C3109	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C3110	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C3111	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C3112	1-163-257-11	CERAMIC CHIP	180PF	5%	50V
C3113	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C3114	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C3115	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C3116	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3117	1-104-665-11	ELECT	100uF	20%	10V
C3118	1-163-235-11	CERAMIC CHIP	22PF	5%	50V
C3119	1-163-229-11	CERAMIC CHIP	12PF	5%	50V
C3120	1-126-947-11	ELECT	47uF	20%	10V
C3121	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3123	1-104-665-11	ELECT	100uF	20%	10V
C3124	1-163-235-11	CERAMIC CHIP	22PF	5%	50V
C3125	1-163-229-11	CERAMIC CHIP	12PF	5%	50V
C3126	1-130-495-00	MYLAR	0.1uF	5%	50V
C3127	1-163-245-11	CERAMIC CHIP	56PF	5%	50V
C3128	1-126-961-11	ELECT	2.2uF	20%	50V
C3129	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C3130	1-126-963-11	ELECT	4.7uF	20%	50V
C3131	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C3132	1-163-131-00	CERAMIC CHIP	390PF	5%	50V
C3133	1-163-135-00	CERAMIC CHIP	560PF	5%	50V
C3134	1-126-959-11	ELECT	0.47uF	20%	50V
C3135	1-163-231-11	CERAMIC CHIP	15PF	5%	50V
C3136	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3137	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3138	1-126-947-11	ELECT	47uF	20%	10V
		< CONNECTOR >			
CN3101	1-766-724-11	CONNECTOR, BOARD TO BOARD 7P			
		< FERRITE BEAD >			
FB3101	1-469-152-11	FERRITE	0uH		
FB3102	1-469-152-11	FERRITE	0uH		
FB3103	1-469-152-11	FERRITE	0uH		
		< IC >			
IC3100	8-759-678-99	IC TC90A45F			
IC3101	8-759-826-19	IC MM1093NF			
		< SHORT >			
JW3121	1-216-295-11	SHORT CHIP	0		

UP CONVERT V3-OPT VIDEO

Ref. No.	Part No.	Description			Remark
JW3122	1-216-295-11	SHORT CHIP	0		
JW3123	1-216-295-11	SHORT CHIP	0		
		< COIL >			
L3100	1-412-064-11	INDUCTOR	100uH		
L3101	1-412-011-31	INDUCTOR	27uH		
L3102	1-412-064-11	INDUCTOR	100uH		
L3103	1-412-011-31	INDUCTOR	27uH		
L3104	1-412-011-31	INDUCTOR	27uH		
L3105	1-414-194-11	INDUCTOR	33uH		
		< TRANSISTOR >			
Q3100	8-729-230-49	TRANSISTOR	2SC2712-YG		
Q3101	8-729-230-49	TRANSISTOR	2SC2712-YG		
Q3102	8-729-216-22	TRANSISTOR	2SA1162-G		
Q3103	8-729-230-49	TRANSISTOR	2SC2712-YG		
Q3104	8-729-230-49	TRANSISTOR	2SC2712-YG		
Q3105	8-729-230-49	TRANSISTOR	2SC2712-YG		
Q3106	8-729-216-22	TRANSISTOR	2SA1162-G		
Q3107	8-729-216-22	TRANSISTOR	2SA1162-G		
Q3108	8-729-230-49	TRANSISTOR	2SC2712-YG		
Q3109	8-729-230-49	TRANSISTOR	2SC2712-YG		
Q3110	8-729-230-49	TRANSISTOR	2SC2712-YG		
Q3111	8-729-216-22	TRANSISTOR	2SA1162-G		
Q3112	8-729-216-22	TRANSISTOR	2SA1162-G		
		< RESISTOR >			
R3101	1-216-051-00	METAL CHIP	1.2K	5%	1/10W
R3102	1-216-069-00	METAL CHIP	6.8K	5%	1/10W
R3103	1-216-043-00	RES-CHIP	560	5%	1/10W
R3104	1-216-051-00	METAL CHIP	1.2K	5%	1/10W
R3105	1-216-047-00	RES-CHIP	820	5%	1/10W
R3106	1-216-047-00	RES-CHIP	820	5%	1/10W
R3107	1-216-075-00	METAL CHIP	12K	5%	1/10W
R3108	1-216-043-00	RES-CHIP	560	5%	1/10W
R3110	1-216-047-00	RES-CHIP	820	5%	1/10W
R3111	1-216-047-00	RES-CHIP	820	5%	1/10W
R3112	1-216-043-00	RES-CHIP	560	5%	1/10W
R3113	1-216-051-00	METAL CHIP	1.2K	5%	1/10W
R3114	1-216-069-00	METAL CHIP	6.8K	5%	1/10W
R3115	1-216-043-00	RES-CHIP	560	5%	1/10W
R3116	1-216-051-00	METAL CHIP	1.2K	5%	1/10W
R3117	1-216-047-00	RES-CHIP	820	5%	1/10W
R3118	1-216-025-11	RES-CHIP	100	5%	1/10W
R3120	1-216-075-00	METAL CHIP	12K	5%	1/10W
R3121	1-216-043-00	RES-CHIP	560	5%	1/10W
R3122	1-260-354-71	CARBON	150	5%	1/2W
R3123	1-216-047-00	RES-CHIP	820	5%	1/10W
R3124	1-216-043-00	RES-CHIP	560	5%	1/10W
R3125	1-216-051-00	METAL CHIP	1.2K	5%	1/10W
R3126	1-216-069-00	METAL CHIP	6.8K	5%	1/10W
R3127	1-216-043-00	RES-CHIP	560	5%	1/10W
R3128	1-216-051-00	METAL CHIP	1.2K	5%	1/10W
R3129	1-216-047-00	RES-CHIP	820	5%	1/10W
R3130	1-216-025-11	RES-CHIP	100	5%	1/10W
R3131	1-216-039-00	METAL CHIP	390	5%	1/10W
R3132	1-216-075-00	METAL CHIP	12K	5%	1/10W

Ref. No.	Part No.	Description			Remark
R3133	1-216-043-00	RES-CHIP	560	5%	1/10W
R3134	1-260-354-71	CARBON	150	5%	1/2W
R3136	1-216-073-00	RES-CHIP	10K	5%	1/10W
R3137	1-216-073-00	RES-CHIP	10K	5%	1/10W
R3138	1-216-067-00	METAL CHIP	5.6K	5%	1/10W
R3139	1-216-077-00	RES-CHIP	15K	5%	1/10W
R3140	1-216-121-11	RES-CHIP	1M	5%	1/10W
R3141	1-216-039-00	METAL CHIP	390	5%	1/10W
R3142	1-216-022-00	METAL CHIP	75	5%	1/10W
R3143	1-216-022-00	METAL CHIP	75	5%	1/10W
R3144	1-216-049-11	RES-CHIP	1K	5%	1/10W
R3145	1-216-045-00	METAL CHIP	680	5%	1/10W
R3146	1-216-035-00	METAL CHIP	270	5%	1/10W
		< VIBRATOR >			
X3100	1-781-342-21	OSCILLATOR, CRYSTAL (3.5795MHz)			
**********					
	1-684-337-11	V3-OPT BOARD			
		**********			
		< CAPACITOR >			
C289	1-127-888-11	CERAMIC	0.1uF	10%	50V
		< CONNECTOR >			
* CN289	1-564-719-11	PIN, CONNECTOR (SMALL TYPE) 3P			
		< IC >			
IC289	6-600-057-01	IC TORX141PL (DIGITAL (OPTICAL))			
		< RESISTOR >			
R289	1-247-807-31	CARBON	100	5%	1/4W
**********					
	A-4728-487-A	VIDEO BOARD, COMPLETE (DA2ES)			
	A-4728-503-A	VIDEO BOARD, COMPLETE			
					(DB1080: E, SP, MY)
	A-4728-522-A	VIDEO BOARD, COMPLETE (DB1080: AEP, UK)			
	A-4730-111-A	VIDEO BOARD, COMPLETE (DB1080: KR)			
		**********			
		< CAPACITOR >			
C301	1-127-868-11	CERAMIC	2200PF	10%	50V
					(EXCEPT DB1080: AEP, UK)
C308	1-126-964-11	ELECT	10uF	20%	50V
					(EXCEPT DB1080: AEP, UK)
C309	1-126-964-11	ELECT	10uF	20%	50V
					(EXCEPT DB1080: AEP, UK)
C310	1-126-964-11	ELECT	10uF	20%	50V
					(EXCEPT DB1080: AEP, UK)
C311	1-126-964-11	ELECT	10uF	20%	50V
					(EXCEPT DB1080: AEP, UK)
C312	1-126-964-11	ELECT	10uF	20%	50V
					(EXCEPT DB1080: AEP, UK)
C313	1-126-964-11	ELECT	10uF	20%	50V
					(EXCEPT DB1080: AEP, UK)
C314	1-126-935-11	ELECT	470uF	20%	10V
C315	1-126-916-11	ELECT	1000uF	20%	6.3V
					(DA2ES)

VIDEO

Ref. No.	Part No.	Description			Remark
C315	1-126-935-11	ELECT	470uF	20%	10V (DB1080)
C318	1-126-960-11	ELECT	1uF	20%	50V
C319	1-127-888-11	CERAMIC	0.1uF	10%	50V
C320	1-128-802-11	CERAMIC	27PF	5%	50V (EXCEPT DA2ES/DB1080: KR)
C322	1-162-199-31	CERAMIC	10PF	5%	50V
C323	1-128-803-11	CERAMIC	33PF	5%	50V
C324	1-127-888-11	CERAMIC	0.1uF	10%	50V
C325	1-128-803-11	CERAMIC	33PF	5%	50V
C326	1-162-201-31	CERAMIC	12PF	5%	50V
C328	1-127-888-11	CERAMIC	0.1uF	10%	50V
C329	1-128-809-11	CERAMIC	100PF	5%	50V
C330	1-126-964-11	ELECT	10uF	20%	50V
C331	1-126-964-11	ELECT	10uF	20%	50V
C332	1-127-888-11	CERAMIC	0.1uF	10%	50V (EXCEPT DA2ES/DB1080: KR)
C333	1-127-888-11	CERAMIC	0.1uF	10%	50V
C335	1-128-805-11	CERAMIC	47PF	5%	50V
C336	1-128-805-11	CERAMIC	47PF	5%	50V
C337	1-128-805-11	CERAMIC	47PF	5%	50V
C339	1-127-888-11	CERAMIC	0.1uF	10%	50V
C340	1-126-927-11	ELECT	2200uF	20%	10V
C341	1-127-888-11	CERAMIC	0.1uF	10%	50V
C342	1-128-805-11	CERAMIC	47PF	5%	50V
C343	1-128-805-11	CERAMIC	47PF	5%	50V
C344	1-128-805-11	CERAMIC	47PF	5%	50V
C345	1-128-805-11	CERAMIC	47PF	5%	50V
C346	1-126-964-11	ELECT	10uF	20%	50V
C347	1-126-964-11	ELECT	10uF	20%	50V
C348	1-126-964-11	ELECT	10uF	20%	50V
C349	1-126-964-11	ELECT	10uF	20%	50V
C350	1-127-888-11	CERAMIC	0.1uF	10%	50V (EXCEPT DA2ES/DB1080: KR)
C351	1-127-868-11	CERAMIC	2200PF	10%	50V
C352	1-127-868-11	CERAMIC	2200PF	10%	50V
C353	1-127-868-11	CERAMIC	2200PF	10%	50V
C354	1-127-888-11	CERAMIC	0.1uF	10%	50V
C355	1-126-964-11	ELECT	10uF	20%	50V
C358	1-127-888-11	CERAMIC	0.1uF	10%	50V
C359	1-127-888-11	CERAMIC	0.1uF	10%	50V (EXCEPT DA2ES/DB1080: KR)
C361	1-126-916-11	ELECT	1000uF	20%	6.3V (EXCEPT DA2ES/DB1080: KR)
C362	1-126-964-11	ELECT	10uF	20%	50V
C363	1-126-964-11	ELECT	10uF	20%	50V
C366	1-126-964-11	ELECT	10uF	20%	50V
C370	1-127-888-11	CERAMIC	0.1uF	10%	50V (EXCEPT DA2ES/DB1080: KR)
C373	1-127-888-11	CERAMIC	0.1uF	10%	50V
C372	1-126-916-11	ELECT	1000uF	20%	6.3V (EXCEPT DA2ES/DB1080: KR)
C374	1-127-888-11	CERAMIC	0.1uF	10%	50V
C375	1-126-964-11	ELECT	10uF	20%	50V
C376	1-126-960-11	ELECT	1uF	20%	50V (EXCEPT DA2ES/DB1080: KR)
C377	1-127-888-11	CERAMIC	0.1uF	10%	50V
C379	1-127-888-11	CERAMIC	0.1uF	10%	50V (EXCEPT DB1080: AEP, UK)
C380	1-127-888-11	CERAMIC	0.1uF	10%	50V (EXCEPT DB1080: AEP, UK)
C381	1-127-888-11	CERAMIC	0.1uF	10%	50V (EXCEPT DB1080: AEP, UK)
C382	1-127-888-11	CERAMIC	0.1uF	10%	50V (EXCEPT DB1080: AEP, UK)
C384	1-127-888-11	CERAMIC	0.1uF	10%	50V
C390	1-126-965-11	ELECT	22uF	20%	50V (DA2ES)
C392	1-126-964-11	ELECT	10uF	20%	50V (DA2ES)
C393	1-126-964-11	ELECT	10uF	20%	50V (DA2ES)
		< CONNECTOR >			
CN301	1-569-323-11	SOCKET, CONNECTOR 19P (DA2ES)			
CN301	1-569-321-11	SOCKET, CONNECTOR 15P (DB1080)			
CN302	1-564-505-11	PLUG, CONNECTOR 2P			
CN303	1-569-324-11	SOCKET, CONNECTOR 21P (DA2ES)			
CN303	1-569-321-11	SOCKET, CONNECTOR 15P (DB1080)			
* CN306	1-564-720-11	PIN, CONNECTOR (SMALL TYPE) 4P			
CN390	1-766-600-21	CONNECTOR, BOARD TO BOARD 7P			(DA2ES/DB1080: KR)
		< TRIMMER >			
CT301	1-141-442-11	CAP, CERAMIC TRIMMER			(EXCEPT DA2ES/DB1080: KR)
CT302	1-141-442-11	CAP, CERAMIC TRIMMER			
CT303	1-141-442-91	CAP, CERAMIC TRIMMER			
		< DIODE >			
D301	8-719-911-19	DIODE 1SS119-25			
D303	8-719-911-19	DIODE 1SS119-25			
D304	8-719-911-19	DIODE 1SS119-25			
D390	8-719-911-19	DIODE 1SS119-25 (DA2ES)			
		< FERRITE BEAD >			
FB303	1-412-911-11	FERRITE 0uH			
		< FILTER >			
FL301	1-424-543-11	FILTER, NOISE (EXCEPT DA2ES/DB1080: KR)			
FL302	1-424-543-11	FILTER, NOISE			
FL303	1-424-543-11	FILTER, NOISE (EXCEPT DA2ES/DB1080: KR)			
FL304	1-416-300-21	FILTER, NOISE			
FL305	1-416-300-21	FILTER, NOISE			
		< IC >			
IC301	6-701-891-01	IC NJM2581D (EXCEPT DB1080: AEP, UK)			
IC303	8-759-231-66	IC TC74HC4053AP			(EXCEPT DB1080: AEP, UK)
IC304	8-759-917-18	IC SN74HCU04AN			
IC305	8-759-666-34	IC BA7622			
IC306	8-759-232-01	IC TC74HC00AP			(EXCEPT DA2ES/DB1080: KR)
IC307	6-700-367-01	IC MB90089PF-G-238-BND			
IC308	6-701-890-01	IC NJM2595D			
IC309	8-759-822-05	IC LA7213 (EXCEPT DA2ES/DB1080: KR)			
IC310	8-759-243-51	IC TC74ACT08P			
IC311	8-759-822-05	IC LA7213 (EXCEPT DA2ES/DB1080: KR)			

VIDEO

Ref. No.	Part No.	Description				Remark
		< JACK >				
J301	1-816-592-11	JACK, PIN 9P(COMPONENT VIDEO MONITOR OUT, TV/SAT IN, DVD/LD IN)				(EXCEPT DB1080: AEP, UK)
J302	1-774-227-11	JACK, PIN 1P (MONITOR OUT VIDEO)				
J303	1-563-330-11	JACK (CONTROL A1 II)				
J304	1-770-337-11	JACK, PIN 3P (VIDEO 2 OUT VIDEO, VIDEO 1 IN/OUT VIDEO)				
J305	1-770-337-11	JACK, PIN 3P (TV/SAT IN VIDEO, DVD/LD IN VIDEO, VIDEO 2 OUT VIDEO)				
		< COIL >				
L301	1-410-973-11	INDUCTOR	22uH			
		< TRANSISTOR >				
Q302	8-729-116-02	TRANSISTOR	BA1A4M-TP			(EXCEPT DB1080: AEP, UK)
Q304	8-729-119-79	TRANSISTOR	2SC2785-FEK			
Q305	8-729-119-79	TRANSISTOR	2SC2785-FEK			
Q390	8-729-201-53	TRANSISTOR	2SA1015-GR (DA2ES)			
Q391	8-729-029-66	TRANSISTOR	DTC114ESA (DA2ES)			
Q392	8-729-119-79	TRANSISTOR	2SC2785-FEK (DA2ES)			
Q393	8-729-201-53	TRANSISTOR	2SA1015-GR (DA2ES)			
Q394	8-729-119-79	TRANSISTOR	2SC2785-FEK (DA2ES)			
		< RESISTOR >				
R301	1-247-804-11	CARBON	75	5%	1/4W	(EXCEPT DB1080: AEP, UK)
R302	1-247-804-11	CARBON	75	5%	1/4W	(EXCEPT DB1080: AEP, UK)
R303	1-247-804-11	CARBON	75	5%	1/4W	(EXCEPT DB1080: AEP, UK)
R304	1-247-804-11	CARBON	75	5%	1/4W	(EXCEPT DB1080: AEP, UK)
R305	1-247-804-11	CARBON	75	5%	1/4W	(EXCEPT DB1080: AEP, UK)
R306	1-247-804-11	CARBON	75	5%	1/4W	(EXCEPT DB1080: AEP, UK)
R307	1-247-804-11	CARBON	75	5%	1/4W	(EXCEPT DB1080: AEP, UK)
R309	1-247-804-11	CARBON	75	5%	1/4W	(EXCEPT DB1080: AEP, UK)
R310	1-247-804-11	CARBON	75	5%	1/4W	(EXCEPT DB1080: AEP, UK)
R317	1-247-903-00	CARBON	1M	5%	1/4W	(EXCEPT DA2ES/DB1080: KR)
R318	1-247-804-11	CARBON	75	5%	1/4W	(EXCEPT DA2ES/DB1080: KR)
R319	1-249-411-11	CARBON	330	5%	1/4W	(EXCEPT DA2ES/DB1080: KR)
R320	1-249-417-11	CARBON	1K	5%	1/4W	
R321	1-249-417-11	CARBON	1K	5%	1/4W	
R322	1-249-417-11	CARBON	1K	5%	1/4W	
R323	1-247-804-11	CARBON	75	5%	1/4W	(EXCEPT DA2ES/DB1080: KR)
R324	1-247-903-00	CARBON	1M	5%	1/4W	
R325	1-249-429-11	CARBON	10K	5%	1/4W	(EXCEPT DB1080: AEP, UK)
R327	1-249-411-11	CARBON	330	5%	1/4W	
R328	1-247-807-31	CARBON	100	5%	1/4W	
R329	1-249-393-11	CARBON	10	5%	1/4W	
R330	1-249-393-11	CARBON	10	5%	1/4W	
R331	1-249-417-11	CARBON	1K	5%	1/4W	
R332	1-247-807-31	CARBON	100	5%	1/4W	(EXCEPT DA2ES/DB1080: KR)
R333	1-249-425-11	CARBON	4.7K	5%	1/4W	
R334	1-247-807-31	CARBON	100	5%	1/4W	(DA2ES/DB1080: KR)
R335	1-247-804-11	CARBON	75	5%	1/4W	(EXCEPT DA2ES/DB1080: KR)
R336	1-247-804-11	CARBON	75	5%	1/4W	(EXCEPT DA2ES/DB1080: KR)
R338	1-247-804-11	CARBON	75	5%	1/4W	
R339	1-247-804-11	CARBON	75	5%	1/4W	
R340	1-247-804-11	CARBON	75	5%	1/4W	
R341	1-247-804-11	CARBON	75	5%	1/4W	
R342	1-247-804-11	CARBON	75	5%	1/4W	
R343	1-249-437-11	CARBON	47K	5%	1/4W	
R344	1-247-804-11	CARBON	75	5%	1/4W	
R345	1-249-437-11	CARBON	47K	5%	1/4W	
R346	1-247-804-11	CARBON	75	5%	1/4W	
R347	1-249-424-11	CARBON	3.9K	5%	1/4W	
R348	1-249-437-11	CARBON	47K	5%	1/4W	
R349	1-249-418-11	CARBON	1.2K	5%	1/4W	
R350	1-249-437-11	CARBON	47K	5%	1/4W	
R351	1-247-804-11	CARBON	75	5%	1/4W	
R352	1-249-411-11	CARBON	330	5%	1/4W	(EXCEPT DA2ES/DB1080: KR)
R353	1-247-883-00	CARBON	150K	5%	1/4W	(EXCEPT DA2ES/DB1080: KR)
R355	1-249-411-11	CARBON	330	5%	1/4W	(EXCEPT DA2ES/DB1080: KR)
R356	1-247-883-00	CARBON	150K	5%	1/4W	(EXCEPT DA2ES/DB1080: KR)
R357	1-247-807-31	CARBON	100	5%	1/4W	(EXCEPT DB1080: AEP, UK)
R389	1-249-419-11	CARBON	1.5K	5%	1/4W	(DA2ES)
⚠R390	1-249-381-11	CARBON	1	5%	1/4W F	(DA2ES)
R391	1-249-429-11	CARBON	10K	5%	1/4W	(DA2ES)
R392	1-249-421-11	CARBON	2.2K	5%	1/4W	(DA2ES)
R393	1-249-419-11	CARBON	1.5K	5%	1/4W	(DA2ES)
R394	1-249-429-11	CARBON	10K	5%	1/4W	(DA2ES)
R395	1-249-421-11	CARBON	2.2K	5%	1/4W	(DA2ES)
R396	1-249-429-11	CARBON	10K	5%	1/4W	(DA2ES)
R397	1-249-417-11	CARBON	1K	5%	1/4W	(DA2ES)
R398	1-249-417-11	CARBON	1K	5%	1/4W	(DA2ES)
R399	1-249-409-11	CARBON	220	5%	1/4W	(DA2ES)
		< RELAY >				
RY390	1-755-359-11	RELAY				

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

VIDEO | VIDEO 3 | VIDEO.AU

Ref. No.	Part No.	Description			Remark
		< VIBRATOR >			
X301	1-781-820-21	VIBRATOR, CRYSTAL (17.734475MHz) (EXCEPT DA2ES/DB1080: KR)			
X302	1-781-821-21	VIBRATOR, CRYSTAL (14.31818MHz)			
**********					
	1-684-336-11	VIDEO 3 BOARD			
		**********			
		< CAPACITOR >			
C293		CERAMIC	0.047uF	10%	50V
C294	1-127-880-11	CERAMIC	0.022uF	10%	50V
		< CONNECTOR >			
CN299	1-784-923-11	PIN, CONNECTOR 7P			
		< TERMINAL >			
* EB299	1-537-738-21	TERMINAL, EARTH			
		< JACK >			
J298	1-770-571-11	JACK BLOCK, PIN (L TYPE) 3P (VIDEO 3 INPUT VIDEO/AUDIO)			
J299	1-784-808-11	TERMINAL, S (VIDEO 3 INPUT S-VIDEO)			
		< RESISTOR >			
R295	1-247-804-11	CARBON	75	5%	1/4W
R296	1-247-804-11	CARBON	75	5%	1/4W
R298	1-249-417-11	CARBON	1K	5%	1/4W
R299	1-249-417-11	CARBON	1K	5%	1/4W
**********					
	A-4728-492-A	VIDEO.AU BOARD, COMPLETE (DA2ES)			
	A-4728-505-A	VIDEO.AU BOARD, COMPLETE (DB1080)			
		**********			
		< CAPACITOR >			
C173	1-126-965-11	ELECT	22uF	20%	50V (DA2ES)
C174	1-126-965-11	ELECT	22uF	20%	50V (DA2ES)
C175	1-128-813-11	CERAMIC	220PF	5%	50V (DA2ES)
C176	1-128-813-11	CERAMIC	220PF	5%	50V (DA2ES)
C177	1-126-965-11	ELECT	22uF	20%	50V (DA2ES)
C178	1-126-965-11	ELECT	22uF	20%	50V (DA2ES)
C179	1-127-868-11	CERAMIC	2200PF	10%	50V (DA2ES)
C182	1-126-933-11	ELECT	100uF	20%	16V (DA2ES)
C183	1-126-933-11	ELECT	100uF	20%	16V (DA2ES)
C184	1-128-809-11	CERAMIC	100PF	5%	50V (DA2ES)
C188	1-127-868-11	CERAMIC	2200PF	10%	50V (DA2ES)
C189	1-127-868-11	CERAMIC	2200PF	10%	50V (DA2ES)
C190	1-126-965-11	ELECT	22uF	20%	50V (DA2ES)
C191	1-126-965-11	ELECT	22uF	20%	50V (DA2ES)
C201	1-127-868-11	CERAMIC	2200PF	10%	50V
C202	1-127-868-11	CERAMIC	2200PF	10%	50V
C211	1-127-868-11	CERAMIC	2200PF	10%	50V
C212	1-127-868-11	CERAMIC	2200PF	10%	50V
C213	1-128-809-11	CERAMIC	100PF	5%	50V
C214	1-127-876-11	CERAMIC	0.01uF	10%	50V
		< CONNECTOR >			
* CN201	1-569-306-11	SOCKET, CONNECTOR (L TYRE) 15P (DA2ES)			
CN201	1-568-441-11	SOCKET, CONNECTOR 9P (DB1080)			
* CN202	1-564-719-11	PIN, CONNECTOR (SMALL TYPE) 3P			
		< DIODE >			
D171	8-719-911-19	DIODE 1SS119-25 (DA2ES)			
		< IC >			
IC172	8-759-636-74	IC M5218AP-22 (DA2ES)			
IC173	8-759-835-76	IC TC94A07P (DA2ES)			
IC174	8-759-636-74	IC M5218AP-22 (DA2ES)			
IC201	8-759-582-65	IC TC9273N-014			
		< JACK >			
J171	1-770-272-11	JACK, PIN 2P (2ND ROOU OUT VARIABLE) (DA2ES)			
J201	1-774-411-11	JACK, PIN 6P (TV/SAT AUDIO IN, DVD/LD AUDIO IN, VIDEO 2 AUDIO OUT)			
J202	1-774-411-11	JACK, PIN 6P (VIDEO 2 AUDIO IN, VIDEO 1 AUDIO IN/OUT)			
		< TRANSISTOR >			
Q171	8-729-119-79	TRANSISTOR 2SC2785-FEK (DA2ES)			
		< RESISTOR >			
R171	1-249-425-11	CARBON	4.7K	5%	1/4W (DA2ES)
R172	1-249-425-11	CARBON	4.7K	5%	1/4W (DA2ES)
R173	1-247-807-31	CARBON	100	5%	1/4W (DA2ES)
R174	1-247-807-31	CARBON	100	5%	1/4W (DA2ES)
R175	1-249-437-11	CARBON	47K	5%	1/4W (DA2ES)
R176	1-249-437-11	CARBON	47K	5%	1/4W (DA2ES)
R177	1-249-441-11	CARBON	100K	5%	1/4W (DA2ES)
R178	1-249-441-11	CARBON	100K	5%	1/4W (DA2ES)
R179	1-249-417-11	CARBON	1K	5%	1/4W (DA2ES)
R180	1-249-417-11	CARBON	1K	5%	1/4W (DA2ES)

VIDEO.AU | V.SWITCH

Ref. No.	Part No.	Description			Remark
⚠R182	1-249-393-11	CARBON	10	5%	1/4W F (DA2ES)
R183	1-249-429-11	CARBON	10K	5%	1/4W (DA2ES)
R184	1-249-425-11	CARBON	4.7K	5%	1/4W (DA2ES)
R185	1-249-417-11	CARBON	1K	5%	1/4W (DA2ES)
R186	1-249-441-11	CARBON	100K	5%	1/4W (DA2ES)
R187	1-249-441-11	CARBON	100K	5%	1/4W (DA2ES)
R201	1-249-417-11	CARBON	1K	5%	1/4W
R202	1-249-417-11	CARBON	1K	5%	1/4W
R203	1-249-421-11	CARBON	2.2K	5%	1/4W
R204	1-249-417-11	CARBON	1K	5%	1/4W
R205	1-249-421-11	CARBON	2.2K	5%	1/4W
R206	1-249-417-11	CARBON	1K	5%	1/4W
R211	1-249-417-11	CARBON	1K	5%	1/4W
R251	1-249-417-11	CARBON	1K	5%	1/4W
R252	1-249-417-11	CARBON	1K	5%	1/4W
R253	1-249-421-11	CARBON	2.2K	5%	1/4W
R254	1-249-417-11	CARBON	1K	5%	1/4W
R255	1-249-421-11	CARBON	2.2K	5%	1/4W
R256	1-249-417-11	CARBON	1K	5%	1/4W
⚠R842	1-249-399-11	CARBON	33	5%	1/4W F
⚠R843	1-249-399-11	CARBON	33	5%	1/4W F
		< RELAY >			
RY171	1-755-485-11	RELAY (DA2ES)			

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	1-684-339-11	V.SWITCH BOARD (DB1080: E)	
		**********	
	1-533-217-41	HOLDER, FUSE	
		< CONNECTOR >	
CN49	1-568-106-11	PIN, CONNECTOR (3.96mm PITCH) 4P	
		< SWITCH >	
⚠VS49	1-571-437-21	SWITCH, POWER VOLTAGE CHANGE (VOLTAGE SELECTOR)	

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		MISCELLANEOUS	
		**********	
64	1-765-352-11	WIRE (FLAT TYPE) (31 CORE)	
155	1-773-001-11	WIRE (FLAT TYPE) (15 CORE) (DB1080)	
155	1-773-105-11	WIRE (FLAT TYPE) (19 CORE) (DA2ES)	
157	1-773-003-11	WIRE (FLAT TYPE) (15 CORE) (DB1080)	
157	1-773-143-11	WIRE (FLAT TYPE) (21 CORE) (DA2ES)	
201	1-773-001-11	WIRE (FLAT TYPE) (15 CORE) (DB1080: AEP, UK)	
201	1-769-937-11	WIRE (FLAT TYPE) (11 CORE) (EXCEPT DB1080: AEP, UK)	
202	1-769-905-11	WIRE (FLAT TYPE) (9 CORE) (DB1080)	
202	1-773-002-11	WIRE (FLAT TYPE) (15 CORE) (DA2ES)	
⚠256	1-769-079-21	CORD, POWER (KR)	
⚠256	1-769-743-11	CORD, POWER (CND)	
⚠256	1-769-744-11	CORD, POWER (AEP, UK)	
⚠256	1-777-071-22	CORD, POWER (E, SP, MY)	
⚠256	1-783-532-11	CORD, POWER (US)	
⚠F1	1-532-504-51	FUSE (T4AL/250V) (DB1080)	
⚠F1	1-576-048-11	FUSE, GLASS TUBE (10A/125V) (DA2ES)	
⚠F2	1-532-464-51	FUSE (T2.5AL/250V) (DB1080: AEP, UK, SP, MY)	
⚠F2	1-576-048-11	FUSE, GLASS TUBE (10A/125V) (DA2ES)	
⚠F49	1-532-504-51	FUSE (T4AL/250V) (DB1080: E)	
⚠F903	1-532-464-51	FUSE (T2.5AL/250V) (DB1080)	
⚠F903	1-533-419-11	FUSE, GLASS CYLINDRICAL (DIA.5) (4A/125V) (DA2ES: CND)	
⚠F903	1-576-108-11	FUSE (4A/125V) (DA2ES: US)	
⚠F904	1-532-464-51	FUSE (T2.5AL/250V) (DB1080)	
⚠F904	1-533-419-11	FUSE, GLASS CYLINDRICAL (DIA.5) (4A/125V) (DA2ES: CND)	
⚠F904	1-576-108-11	FUSE (4A/125V) (DA2ES: US)	
Q402	8-729-051-92	TRANSISTOR 2SD2560	
Q403	8-729-051-93	TRANSISTOR 2SB1647	
Q431	8-729-026-08	TRANSISTOR 2SC4495	
Q452	8-729-051-92	TRANSISTOR 2SD2560	
Q453	8-729-051-93	TRANSISTOR 2SB1647	
Q491	8-729-026-08	TRANSISTOR 2SC4495	
Q502	8-729-051-92	TRANSISTOR 2SD2560	
Q503	8-729-051-93	TRANSISTOR 2SB1647	
Q531	8-729-026-08	TRANSISTOR 2SC4495	
Q552	8-729-051-92	TRANSISTOR 2SD2560	
Q553	8-729-051-93	TRANSISTOR 2SB1647	
Q581	8-729-026-08	TRANSISTOR 2SC4495	
Q602	8-729-051-92	TRANSISTOR 2SD2560	
Q603	8-729-051-93	TRANSISTOR 2SB1647	
Q631	8-729-026-08	TRANSISTOR 2SC4495	
Q652	8-729-051-92	TRANSISTOR 2SD2560	
Q653	8-729-051-93	TRANSISTOR 2SB1647	
Q681	8-729-026-08	TRANSISTOR 2SC4495	
⚠T901	1-437-683-11	TRANSFORMER, POWER (US, CND)	
⚠T901	1-437-686-11	TRANSFORMER, POWER (E)	
⚠T901	1-437-687-11	TRANSFORMER, POWER (AEP, UK, SP, MY, KR)	
TU301	1-693-577-21	TUNER (US, CND ,E)	
TU301	1-693-578-21	TUNER (AEP, UK)	
TU301	1-693-580-21	TUNER (SP, MY, KR)	

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		ACCESSORIES	
		**********	
	1-477-124-11	COMMANDER, STANDARD (RM-PG411) (DA2ES)	
	1-477-333-11	REMOTE COMMANDER (RM-LP211) (DB1080)	
	1-501-374-11	ANTENNA, LOOP (AM)	
	1-501-594-13	ANTENNA (FM) (DB1080: AEP, UK, SP, MY, KR)	
⚠	1-569-008-21	ADAPTOR, CONVERSION (E)	
⚠	1-770-019-51	ADAPTOR, CONVERSION PLUG (UK)	
	1-777-172-11	CORD, CONNECTION (CONTROL S CORD) (MINI JACK) (DA2ES)	
	1-777-560-11	CORD, CONNECTION (AUDIO/VIDEO/CONTROL S CORD) (DA2ES)	

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Ref. No.	Part No.	Description	Remark
	1-793-184-21	CONNECTOR (F TYPE ADAPTOR)	(DA2ES/DB1080: E)
	3-071-119-01	COVER, BATTERY (for RM-PG411) (DA2ES)	
	4-241-478-01	COVER, BATTERY (for RM-LP211) (DB1080)	
	4-241-669-11	MANUAL, INSTRUCTION (ENGLISH) (DA2ES)	
	4-241-669-21	MANUAL, INSTRUCTION (FRENCH)	(DA2ES: CND)
	4-241-670-11	MANUAL, INSTRUCTION (ENGLISH)	(DB1080: AEP, UK, E, SP, MY)
	4-241-670-21	MANUAL, INSTRUCTION (FRENCH)	(DB1080: AEP, E, SP, MY)
	4-241-670-31	MANUAL, INSTRUCTION (SPANISH)	(DB1080: AEP, E, SP, MY)
	4-241-670-41	MANUAL, INSTRUCTION (GERMAN, DUTCH, SWEDISH)	(DB1080: AEP)
	4-241-670-51	MANUAL, INSTRUCTION (ITALIAN, POLISH)	(DB1080: AEP)
	4-241-670-61	MANUAL, INSTRUCTION (TRADITIONAL CHINESE)	(DB1080: E, SP, MY)
	4-241-670-71	MANUAL, INSTRUCTION (KOREAN)	(DB1080: KR)
	4-241-671-11	MANUAL, INSTRUCTION (PORTUGUESE)	(DB1080: AEP)
	4-241-671-21	MANUAL, INSTRUCTION (DANISH, FINNISH)	(DB1080: AEP)
	4-241-671-31	MANUAL, INSTRUCTION (RUSSIAN)	(DB1080: AEP)
	4-241-675-11	MANUAL, INSTRUCTION (ENGLISH)	(DB1080: AEP, UK, E, SP, MY)
	4-241-675-21	MANUAL, INSTRUCTION (FRENCH)	(DB1080: AEP, E, SP, MY)
	4-241-675-31	MANUAL, INSTRUCTION (SPANISH)	(DB1080: AEP, E, SP, MY)
	4-241-675-41	MANUAL, INSTRUCTION (GERMAN, DUTCH, SWEDISH)	(DB1080: AEP)
	4-241-675-51	MANUAL, INSTRUCTION (ITALIAN, POLISH)	(DB1080: AEP)
	4-241-675-61	MANUAL, INSTRUCTION (TRADITIONAL CHINESE)	(DB1080: E, SP, MY)
	4-241-675-71	MANUAL, INSTRUCTION (KOREAN)	(DB1080: KR)
	4-241-676-11	MANUAL, INSTRUCTION (for RM-LP211) (PORTUGUESE)	(DB1080: AEP)
	4-241-676-21	MANUAL, INSTRUCTION (for RM-LP211) (DANISH, FINNISH)	(DB1080: AEP)
	4-241-676-31	MANUAL, INSTRUCTION (for RM-LP211) (RUSSIAN)	(DB1080: AEP)
	4-241-677-11	MANUAL, INSTRUCTION (for RM-PG411) (ENGLISH)	(DA2ES: US)
	4-241-677-21	MANUAL, INSTRUCTION (for RM-PG411) (FRENCH)	(DA2ES: CND)
	4-241-679-11	MANUAL, INSTRUCTION (for RM-LP211) (GREEK)	(DB1080: AEP)
	4-241-679-21	MANUAL, INSTRUCTION (for RM-LP211) (HUNGARIAN, CZECH)	(DB1080: AEP)
	4-241-679-31	MANUAL, INSTRUCTION (for RM-LP211) (TURKISH)	(DB1080: AEP)
	4-241-679-41	MANUAL, INSTRUCTION (for RM-LP211) (SLOVAKIAN)	(DB1080: AEP)
	4-241-688-11	MANUAL, INSTRUCTION (GREEK)	(DB1080: AEP)
	4-241-688-21	MANUAL, INSTRUCTION (HUNGARIAN, CZECH)	(DB1080: AEP)
	4-241-688-31	MANUAL, INSTRUCTION (TURKISH)	(DB1080: AEP)
	4-241-688-41	MANUAL, INSTRUCTION (SLOVAKIAN)	(DB1080: AEP)

REVISION HISTORY

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Ver.	Date	Description of Revision
1.0	2001.06	New
1.1	2003.07	Change of Part No. for Ref. No. 52 to EXPLODED VIEWS (SPM-03051)